Lancaster Farming

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Water, Water Everywhere...

But Dairymen Who Equate Quantity with Quality May Be Up The Creek

BY JACK HUBLEY

LITITZ — Water. As ubiquitous as cable TV and K-Mart. But, like much of what eminates from the picture tube, a lot of nature's perfect drink isn't fit for consumption.

Unfortunately, technology creates the illusion that an inexhaustible supply exists. A twist of the wrist and there it is, tumbling into the kitchen sink at a few gallons a minute.

And even when our tap water has been rendered unpalatable by chemical purifying agents, the illusion persists. For less than a dollar a gallon we can have the really good stuff delivered to our door

Just how much longer the bottled water generation will have it so good is anybody's guess, as America flows ever closer to the brink of a water crisis. According to historian Charles Bowden, interviewed in a recent issue of *People* magazine, the Ogallala aquifer "will be commercially useless in a few decades" if current consumption rates continue. A huge natural reservoir underlying six western states from Texas to South Dakota, the aquifer is being depleted at the rate of 21 million acre feet per year. Its natural regeneration rate is only about one million acre feet annually.

Unless we somehow learn to manage our liquid assets in a more intelligent manner, 25 percent of the planet's usable water will be unsafe by the turn of the century, according to the National Wildlife Federation.

While this may bode ill for humanity, it's even worse news for our dairy cows Lending new meaning to the label "heavy drinker," a mature Holstein, Brown Swiss or Ayrshire will consume about four pounds of water for every pound of milk produced, depending on a number of variables such as forage

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Since installing a water treatment system the Good farm has noted an increase in milk production, as well as a decrease in problems such as foot rot and twisted stomachs.

Somatotropin In Second Lactation Of Testing Program

BY EVERETT NEWSWANGER
Managing Editor

KENNETT SQUARE — To publicize the research to date on bovine somatotropin the University of Pennsylvania, School Of Veterinary Medicine invited members of the national press and television to an in-barn conference here Monday.

The research trials conducted at the Pennsylvania veterinary school as well as in Kentucky, Minnesota and Ohio are under the direction of Dr. William Chalupa and funded by the universities and American Syanamid Company. These research trials are now into the second lactation of the test cows to determine the response of the product. Dr. Chalupa pointed out that the name bovine growth hormone that has somehow emergd as the common name for the product is a misnomer. "Somatotropin is not really a growth hormone at all, but a protein from a strain of amino acids," Dr. Chalupa said. "To obtain the product requires a fermentation process where you put the gene from a cow into a bacteria. The bacteria grows and the gene expresses the somatotropin."

Administering the somatotropin is not techinically difficult," Chalupa said. "When I look at the respones of production and increased feed efficiency. I think it will be a very cost effective product."

"I have absolutely no reservation about the safety and usefulness of this product," he said. "If I would have had any doubts at all, you (the press) would not have been invited here. I think the small dairyman will be the most able to use the product. The small dairyman with a tie-stall operation of 40 to 50 cows being handled by the farmer and his family can go down the line of cows and administer the somatotropin in a matter of 15 or 20 minutes."

"The final production cost of the product has not yet been determined. But my own estimate is that the cost will be between 10 and 20 cents per cow per day. It is an ideal cash flow imput into the farming operation. The product shows an increase in milk production within a few days after the first somatotropin has been used. The farmer is going to get an immediate two to one return on his investment."

"The galactopoletic (increased milk secretion) action of somatotropin has been known since 1937," Chalupa said. "Until recently, somatotropin was extracted from pituitary glands of slaughtered cattle. Little material was available and it was expensive. With the development of recombinant technology, substantial amounts of somatotropin now are available for experimentation.

"We began investigating lactational responses to somatotropin in 1983. Initial studies with pituitary somatotropin were for periods of three weeks at different

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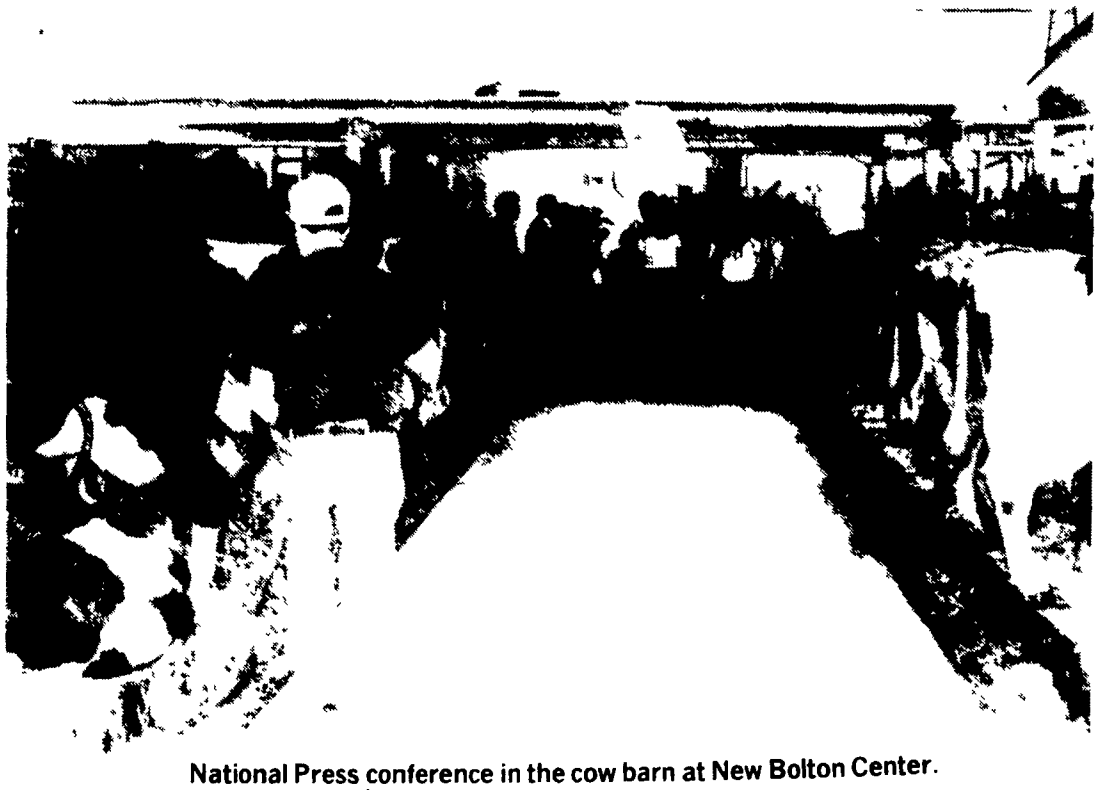

National Press conference in the cow barn at New Bolton Center.

Dairy Industry Leaders Hear Penn State Proposal

BY EVERETT NEWSWANGER
Managing Editor

HARRISBURG — Because the National Dairy Promotion and Research Board has invited academic institutions to submit applications for support for the operation of a dairy food research center, a meeting of Penn State faculty with dairy industry leaders was held here Thursday in the Agricultural Building. The meeting was called to give Penn State personnel the opportunity to present their preliminary work on a proposal and receive support and input from the dairy industry into the development of the proposal.

Dr Manfred Kroger, professor Department of Food Science, made the presentation for Penn State showing the many undergraduate, graduate and research programs that give Penn State excellent facilities and programs already in place as a basis to compete for the new center. "We need to pull out our uniqueness," Kroger said. "We want to present a strong proposal And the main resource we have is our people. As we look to the future, we want to expand and stabilize the base of the dairy industry. This will give us a shot in the arm at Penn State and will give us a tremendous opportunity to show our commitment to the future of agriculture."

Kroger listed the Creamery as one of the unique features at Penn State. The ice cream and frozen desserts program will highlight the presentation according to Dr. Kroger. "We have done great work in this area and want to be recognized for it," he said. "We want to receive some funds to maintain and expand these areas This can be instrumental in making milk more palatable to the public in a psychological sense and will eventually sell more milk

Dr. Joseph A O'Donnell, vice president Dairy Research

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Livestock market and auction news

Lancaster Market

Monday, June 9
Report Supplied by USDA

	Cattle	Calves	Hogs	Sheep	Goats
Monday's Receipts	1839	105	534	538	368
Monday's Auction	1675	124	514	536	484
Last Monday's Auction	1854	104	555	623	425
Last Year's Auction	1737	141	536	702	401

CATTLE: Compared to last Thursday slaughter steers fully steady; slaughter heifers .50-1.00 higher; cows very active, 1.50-2.00 higher; bullocks steady; bulls 1.00 higher. Supply included 73% steers, 13% heifers, 6% cows, and 8% bulls.

SLAUGHTER STEERS: Choice 2-4 1100-1300 lb. 53.00-54.10, few high Choice and Prime 54.00-55.75, 1300-1450 lb. 51.00-53.35; high Good and low Choice 1-3 1070-1250 lb. 49.25-52.00; Good 1-3 1000-1300 lb. 47.00-49.50; Choice 1-3 Holsteins 1335-1415 lb. 46.00-48.85.

SLAUGHTER HEIFERS: Choice 2-4 995-1250 lb. 51.00-53.25, few high Choice 53.75-54.25; low Choice and high Good 1-3 950-1245 lb. 48.50-51.25; Good 1-3 46.25-49.75.

COWS: Breaking Utility and Commercial 2-4 39.00-40.50, high dressing individuals 41.00-41.50; Cutter and boning utility 1-3 38.50-39.50; Canner and low Cutter 35.00-38.00.

BULLOCKS: Few good and choice 1-3 880-1280 45.00-49.75.

BULLS: Yield grade 1 1010-2275 lb. 48.25-51.75, few high dressing individuals 52.00-53.75, individual 1335 lb. 58.00; yield grade 2 950-1980 lb. 45.00-48.75, few low dressing individuals 41.50-45.50.

VEAL CALVES: Vealers 10.00 lower; Holstein bull calves to return to farm steady; slaughter calves steady. Supply included eight head Prime special fed 350 lb. bought to arrive at 125.00.

VEALERS: High Good and low Choice 150-320 lb. 85.00-95.00; Good 160-300 lb. 65.00-85.00; high Good and low Choice 80-110 lb. 40.00-50.00.

SLAUGHTER CALVES: Good and Choice 300-500 lb. 50.00-65.00.

RETURNED TO FARM: Bulk 95-130 lb. Holstein bulls 90.00-110.00.

SHEEP: Slaughter lambs 3.00-5.00 lower; slaughter ewes steady.

SPRING LAMBS: High Choice and Prime 80-110 lb. 78.00-82.00; Good and Choice 80-110 lb. 75.00-78.00; Choice 50-80 lb. 70.00-85.00, under 50 lb. 85.00-100.00.

SLAUGHTER EWES: Utility and Good 15.00-30.00.

GOATS: All goats sold by the head; Large mature 50.00-60.00, with about 20 head 60.00-80.00; Medium 35.00-45.00; Small 15.00-30.00.

Vintage Cattle

Tuesday, June 10
Report Supplied by USDA

	Cattle	Calves	Sheep	Goats
Today	1710	729	15	16
Last Tuesday	1181	689	33	13
Last Year	1706	779	15	4

CATTLE: Compared to Monday slaughter steers .50-1.00 lower; not enough heifers on offer for a market test; cows weak to 1.00 lower; bulls steady. Supply included 77% steers and 20% cows.

SLAUGHTER STEERS: High Choice and Prime 3-4 1200-1400 lb. 55.10-56.75, few head yield grade 1-2 57.25-58.10; Choice 2-4 1100-1300 lb. 52.75-54.50, few individual yield grade 3-4 1450-1600 lb. 48.00-49.50; mixed Good and Choice 1-3 1100-1350 lb. 50.85-53.00; Good 1-3 1000-1350 lb. 47.50-50.75; Good 1-3 1235-1400 lb. Holsteins 43.00-44.25.

COWS: Breaking Utility and Commercial 2-4 37.50-40.00, few high dressing individuals 40.00-41.00; high Cutter and Boning Utility 1-3 37.00-39.00; Canner and low Cutter 34.50-37.25, few low dressing individuals down to 33.25.

BULLS: Yield grade 1 1100-2065 lb. 47.50-49.75; yield grade 2 1000-1680 lb. 43.25-47.75.

VEAL CALVES: Vealers mostly steady; calves to return to farm steady to 5.00 higher. Supply included 595 in graded sale of which 80% sold to return to farm.

VEALERS: High Good and low Choice 160-370 lb. 64.00-77.00; Good 80-110 lb. 40.50-46.00.

RETURNED TO FARM: Bulk 90-125 lb. Holstein bulls 90.00-117.00.

SHEEP: No market test.

GOATS: No market test.

Lancaster Auction

Wednesday, June 11
Report Supplied by USDA

	Cattle	Calves	Hogs	Sheep	Goats
Wednesday's Receipts	394	10	258	0	0
Wednesday's Auction	259	10	272	0	0
Last Wednesday's Auction	309	15	189	0	0
Last Year's Auction	439	14	540	0	0

CATTLE: Compared to Tuesday slaughter steers steady to 50 lower; cows steady; not enough any other class to establish a price trend. Supply included 78% steers.

SLAUGHTER STEERS: Choice 2-4 1100-1350 lb. 52.00-53.50; mixed Good and Choice 1-3 1100-1300 lb. 51.00-52.25; Good 1-3 1050-1350 lb. 47.75-50.75.

SLAUGHTER HEIFERS: Few Choice 2-4 1050-1200 lb. 50.00-53.00.

COWS: Breaking Utility 2-3 37.00-39.25; high Cutter and Boning Utility 1-3 36.00-38.75; Canner and low Cutter 34.00-36.50, few low dressing individuals down to 33.00.

BULLS: Yield grade 1-2 1170-1890 lb. 44.00-51.50.

VEAL CALVES: Not enough on offer to establish a price trend.

SHEEP: No market test.

GOATS: No market test.

New Holland Livestock

New Holland, Pa.
Thursday, June 12

	Cattle	Calves	Sheep	Goats
Today	1469	525	94	27
Last Thursday	908	531	160	28
Last Year	1686	558	73	61

CATTLE: Compared to Wednesday slaughter steers fully 1.00 lower; not enough heifers on offer for a market test; cows weak to .50 lower; bullocks steady; bulls 1.00 higher. Supply included 79% steers and 16% cows.

SLAUGHTER STEERS: High Choice and Prime 2-4 1150-1350 lb. 53.00-54.10, few yield grade 1-2 54.10-55.85; Choice 2-4 1000-1200 lb. 51.00-53.35, 1200-1400 lb. 50.00-52.00, yield grade 3-5 48.00-50.50; high Good and low Choice 1-3 1100-1300 lb. 48.50-51.25; Good 1-3 985-1350 lb. 46.00-49.75; mixed Good and Choice 1-3 Holsteins 1175-1475 lb. 42.75-46.25.

SLAUGHTER HEIFERS: No quotes.

COWS: Breaking Utility and Commercial 2-4 36.50-39.75, few high dressing individuals 40.00-41.50; few Commercial 3-4 beef breeds 34.00-36.00; high Cutter and boning Utility 1-3 35.00-38.75; low Cutter and Canner 33.75-36.50, shelly Canner 32.00-33.75.

BULLS: Yield grade 1 1100-2000 lb. 47.75-51.00, few high dressing individuals 52.00-53.75; yield grade 2 1050-1780 lb. 44.50-48.00.

BULLOCKS: Good and Choice 1-3 985-1525 lb. 43.50-48.50.

VEAL CALVES: Vealers uneven, high Choice and Prime steady to 5.00 lower, others steady to 8.00 higher; calves to return to farm 10.00 higher.

VEALERS: High Choice and Prime 250-395 lb. 101.00-109.00; Choice 155-340 lb. 74.00-98.00; high Good and low Choice 140-360 lb. 55.00-74.00, 80-110 lb. 42.00-54.00.

RETURNED TO FARM: Bulk 90-120 lb. Holstein bulls 100.00-123.00, few head 124.00-128.00; few small frame 90-110 lb. 70.00-98.00.

SHEEP: All classes of sheep mostly steady.

SPRING LAMBS: Choice 35-55 lb. 83.00-94.00, 60-105 lb. 74.00-80.00; Good 70-90 lb. 70.00-75.00.

SLAUGHTER EWES: Good 33.00-36.00; Utility 23.00-30.00; Cull 16.00-23.00.

GOATS: All goats sold by the head; Medium 30.00-43.00; couple Large 56.00-68.00; Small 13.00-30.00.

Lancaster County Weekly

Friday, June 13
Report Supplied by PDA

	Cattle	Calves
This Week	5800	1370
Last Week	4676	1328
Last Year	5749	1476

CATTLE: Comapred to last week slaughter steers 2.00 lower, after opening steady; slaughter heifers opened .50-1.00 higher, but not enough sales late in the week to establish a trend; cows steady to 1.00 higher after opening 1.50-2.00 higher; bullocks steady; bulls 1.00-2.00 higher. Supply included 70% slaughter steers, 5% slaughter heifers, 13% cows, 4% bulls, with the balance feeders.

SLAUGHTER STEERS: High Choice and Prime 2-4 1150-1350 lb. 53.00-54.10, few yield grade 1-2 54.10-55.85, few sales early in the week 56.75-58.10; Choice 2-4 1000-1200 lb. 51.00-53.35, 1200-1400 lb. 50.00-52.00, yield grade 3-5 48.00-50.50; high Good and low Choice 1-3 1100-1300 lb. 48.50-51.25; Good 1-3 985-1350 lb. 46.00-49.75, mixed Good and Choice 1-3 Holsteins 1175-1475 lb. 42.75-46.25, early week sales up to 48.85.

SLAUGHTER HEIFERS: Early in the week Choice 2-4 995-1250 lb. 51.00-53.25, few high Choice 53.75-54.25; low Choice and high Good 1-3 950-1245 lbs. 48.50-51.25; Good 1-3 46.25-49.75.

COWS: Breaking Utility and Commercial 2-4 36.50-40.50, high dressing individuals 40.50-41.50; few Commercial 3-4 beef breed 34.00-36.00; high Cutter and Boning Utility 1-3 35.00-38.75; low Cutter and Canner 33.75-36.50.

BULLOCKS: Good and Choice 1-3 880-1320 lbs. 43.50-49.75.

BULLS: Yield grade 1 1010-2275 lb. 47.75-51.00, few high dressing individuals 52.00-53.75; yield grade 2 1050-1780 lbs. 44.50-48.00.

VEAL CALVES: Vealers uneven; high Choice and Prime steady to 5.00 lower, others steady to 8.00 higher; calves to return to farm 10.00 higher.

VEALERS: High Choice and Prime 250-395 lb. 101.00-109.00; Choice 155-340 lb. 74.00-98.00; high Good and low Choice 140-360 lb. 55.00-74.00, 80-110 lb. 42.00-54.00.

RETURNED TO FARM: Bulk 90-120 lb. Holstein bulls 100.00-123.00, few head 124.00-128.00; few small frame 90-110 lb. 70.00-98.00.

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HOG MARKETS

Lancaster Hogs

Monday, June 9, 1986

HOGS: Compared to last Wednesday barrows and gilts 50 higher; sows under 500 lbs., 50-1.00 lower, over 500 lb. 2.00 higher.

BARROWS AND GILTS: US 1-2 210-245 lb. 51.50-52.50; US 1 210-250 lb. 54.00-55.50; US 1-3 200-250 lb. 50.50-51.50; US 2-4 230-260 lb. 49.00-50.50.

SOWS: US 1-2 300-500 lb. 35.00-37.50; US 1-3 500-650 lb. 38.00-42.50.

Tuesday, June 10

Today	151
Last Tuesday	136
Last Year	120

TREND: Compared to Monday barrows and gilts 25 higher.

BARROWS AND GILTS: US 1-2 210-240 lb. 52.50-53.25; US 1-3 220-250 lb. 51.50-52.25; US 2-4 260-270 lb. 46.85.

Wednesday, June 11

HOGS: Compared to Tuesday all classes steady.

BARROWS AND GILTS: US 1-2 215-245 lb. 52.50-53.25; US 1 30 head 210-250 lb. 53.50-55.50; US 1-3 210-250 lb. 51.50-52.50; US 2-3 260-270 lb. 49.00-50.50.

SOWS: US 1-2 300-500 lb. 34.00-37.50.

New Holland Hogs

New Holland Sales Stables
New Holland, PA
Monday, June 9, 1986
Report Supplied by Auction

Today	989
Last Monday	1425
Last Year	1271

TREND: Compared to last Monday barrows and gilts fully 1.00 higher, instances 1.50 higher.

BARROWS & GILTS: US 1-2 210-245 lb. 51.75-52.25.

US 1 205-240 lb. 52.25-53.00, Few head 53.50.

US 1-3 200-260 lb. 48.50-50.00.

US 3-4 220-260 lb. 43.00-45.00, Few 280-290 lb. 36.00-38.00.

New Holland Feeder Pigs

Wednesday, June 11, 1986

Today	980
Last Wednesday	667
Last Year	825

TREND: Compared to last Wednesday feeder pigs uneven, under 50 lb. 2.00 lower, over 50 lb. steady to 5.00 higher. All pigs weighed on arrival and sold by the hundred weight.

US 1-2: 53 hd. 23-30 lbs. 118.00-123.00; 270 hd. 30-40 lbs. 92.00-116.00; 243 hd. 40-50 lbs. 88.00-107.00; 104 hd. 50-60 lbs. 86.00-101.00; 73 hd. 60-83 lbs. 80.00-98.00.

US 2-3: 20 hd. 25-32 lbs. 80.00-108.00.

Lancaster Feeder Pigs

Tuesday, June 10, 1986

Today	47
Last Tuesday	391
Last Year	888

TREND: Insufficient volume for a market test.

Vintage Hogs

Paradise, PA
Saturday, June 7, 1986
Report supplied by Auction

144 head.

1's and 2's, 225-260 lbs., 46.25-49.00; Sows, 300-755 lbs., 35.00-38.50; Boars, 300-655 lbs., 32.25-33.25.

Indianapolis Hogs

Thursday, June 12, 1986

500 - Barrows & gilts active, mostly steady.

US 1-3 220-260 lb. 51.50-52.00, 33 head 52.25.

SOWS: Active, steady-1.00 lower. (20%).

US 2-3 PKG 470 lb. 41.00.

BOARS: Over 400 lb. 38.00.

St. Louis Hogs

Thursday, June 12, 1986

3500- Barrows & gilts slow, 220-260 lb. .50 lower, over 260 lb. steady.

US 1-2 220-260 lb. 51.25-51.50; US 1-3 200-260 lb. 50.50-51.25.

SOWS: Under 500 lb. .25 higher; over 500 lb. 1.00-2.50 lower. (About 7%).

US 1-2 300-600 lb. 43.00-43.50.

BOARS: Over 300 lb. 41.75; under 300 lb. 42.00.

Peoria Hogs

Thursday, June 12, 1986

2000- Barrows & gilts slow, unevenly .50-1.00 lower.

US 1-2 210-240 lb. 51.00-51.50, 175 head 52.00, 30 head early 52.25.

US 1-3 200-250 lb. 50.50-51.00.

SOWS: Under 500 lb. uneven & mostly steady, over 500 lb. 1.00 lower. (15%).

US 1-2 350-500 lb. 43.50-44.50.

US 1-3 500-650 lb. 44.00-44.50.

BOARS: Over 350 lb. 41.75-42.25; under 350 lb. 40.00-40.50.

Belknap Livestock

Dayton, Pa.
Wednesday, June 11
Report Supplied by PDA

CATTLE 83. Compared with last Wednesday's market: Slaughter cows steady to strong. Couple Good slaughter steers 47.25 & 49.25. Couple Choice slaughter heifers 1450 lbs. at 46.00, 1385 lbs. at 47.75, few Standard 41.25-42.00. Few breaking Utility & Commercial slaughter cows 39.50-41.25, Cutter & Boning Utility 35.00-39.50, Canner & Low Cutter 30.00-36.00. Few Utility slaughter bullocks 38.00-42.00. Few Yield Grade No. 1 1275-1925 lbs. slaughter bulls 44.50-46.00. Feeder Cattle: Few Medium Frame #1 580-935 lbs. steers 44.00-49.00. Few Medium Frame #1 300-365 lbs. heifers 47.50-51.00, Large #2 550-640 lbs. holsteins 34.50-45.00. Few Medium & Large Frame #1 570-800 lbs. bulls 41.00-48.00.

CALVES 91: Few Choice vealers 69.00-72.50, Good 57.00-66.50, Standard & Good 90-120 lbs. 50.00-57.00, 65-85 lbs. 40.00-52.00, few Utility 55-75 lbs. 30.00-35.50. Good & Choice 170-280 lbs. slaughter calves 47.00-60.00. Farm Calves: Holstein Bulls 95-130 lbs. 67.50-95.00, few 90-95 lbs. 60.00-70.00. Beef cross bulls & Heifers 60-110 lbs. 58.00-66.00.

HOGS 185: Barrows and gilts strong to 1.00 higher. US No. 1-2 220-240 lbs. 51.00-51.35, No. 1-3 215-240 lbs. 49.85-50.75, No. 2-3 220-260 lbs. 49.20-50.25, lot 210 lbs. 47.40, No. 1-3 155-175 lbs. 42.00-45.50. Sows mostly .50 higher. US No. 1-3 355-490 lbs. sows 37.00-40.00. Boars 26.50-30.00.

FEEDER PIGS 68: US No. 1-3 20-30 lbs. feeder pigs 20.00-27.00, 30-40 lbs. 25.00-38.50 all per head.

SHEEP 8: Lot high Choice & Prime 95 lbs. spring slaughter lambs at 79.00, couple 40 lbs. at 77.00. GOATS 9: Few 22.50-50.00, few Kids 12.50-25.00 all per head.

Hackettstown Poultry & Egg

Hackettstown, N.J.
Tuesday, June 10
Report Supplied by Auction

Heavy Fowl .15-.85.
Leghorn Fowl .05-.10
Medium Broilers .35-.50.
Roasters .40-.50.
Pullets .40-1.30.
Bunnies-ea. .20-1.80.
Geese .45.
Bantams .10-2.40.
Roosters .90-1.55.
Ducks .60-1.45.
Rabbits .35-1.45.
Pigeons 1.20-3.00.
Guineas 1.50-1.60.

Eggs

Grade A: White Jumbo X Lge. .50-.74, Brown .57-.74.

Grade A: White Large .35-.62, Brown .37-.65.

Grade A: White Medium .27-.50, Brown .25-.35.

U.S. Inspected Livestock Slaughter

Estimated Daily Livestock

	CATTLE	CALVES	HOGS	SHEEP
Thursday 6/12/86				
Week To Date (Est.)				
	546,000	44,000	1,156,000	83,000
Same Pd. Lt. Wk. (Est.)				
	551,000	45,000	1,145,000	82,000
Same Pd. Lt. Yr. (Act)				
	504,000	43,000	1,257,000	90,000

Chicago Grain Futures

(Closing Bids as of Thursday, June 12)

Mo.	Corn	Wheat	Soybeans	Soybean Meal
July '86	2.30	2.47¾	5.32	151.60
Aug. '86			5.24	149.10
Sept. '86	1.90¼	2.47	5.09	146.40
Oct. '86				144.20
Nov. '86			5.04½	
Dec. '86	1.90¾	2.55¼		146.00
Jan. '87			5.13¼	147.00
Mar. '87	2.00¼	2.55¼	5.22½	149.50
May '87	2.05½	2.43½	5.28½	153.00
July '87	2.05¼	2.32½	5.32	

Futures Trading

(Closing Bids as of Thursday, June 12)

Mo.	Chicago Cattle	Chicago Hogs	NY Maine Potatoes
June '86	53.62	52.70	
July '86		49.45	
Aug. '86	51.15	46.25	
Oct. '86	50.47	41.92	
Dec. '86	53.00	42.42	
Feb. '87	52.90	42.07	
Apr. '87	54.40	38.80	
June '87		40.77	

ATTENTION COW CONSIGNORS

We Need Cows For Wednesday's Market. Cows Arriving By 10:00 A.M. Will Be Sold By Noon.

FEEDER PIG SALE

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PLEASE NOTE: All pigs to be graded MUST BE here by 11:30 A.M.

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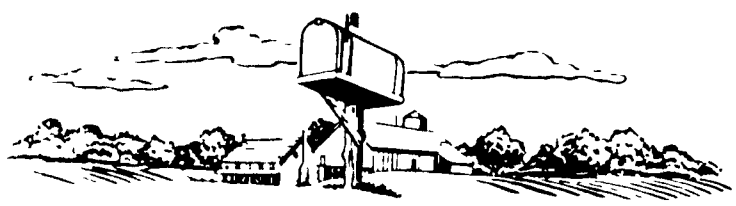

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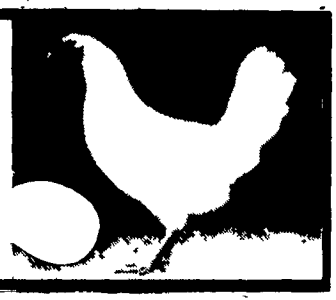
POULTRY MARKETS



Philadelphia Eggs

Thursday, June 12, 1986
Report Supplied by USDA

Market Comment: Prices unchanged. Trade sentiment improved slightly but generally just steady. Cartoned egg activity was mostly fair with some dealers noting interest developing for retail promotion on large and medium. Graded supplies of large and extra large were fully sufficient to handle current needs. Mediums continued to tighten and were irregularly available. Spent hen movement was active within the area and overall production was decreasing, causing some improvement in the undertone.

Prices to retailers: sales to volume buyers, consumer grades white eggs in cartons delivered store door:

A Extra Large 55-58; A Large 53-56; A Medium 40-41.

Delmarva Poultry

Thursday, June 12, 1986

Market Comment: Demand for ready to cook whole birds was improved and good overall. Offerings were in good balance to well-cleared. Demand for parts was also improved and asking prices on most items were about steady to firm. LTL asking prices were one to two cents higher at 56-63 cents. Live supplies were light to moderate. Weights were mostly light to desirable with hot, humid weather conditions noted as having its effect on sizes. A spot indication of increased DOA's was also reported. Slaughter schedules were moderately heavy. The undertone remained firm.

Estimated 6/12 1,983,000; Actual 6/5 1,769,000.

Actual 6/10 1,987,000.

Average Weights 6/10 4.36, 6/3 4.43.

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National Representative
J.L. Farmakis, Inc.
Phone 203-966-1746

Heinsey's Poultry Report

Roots, East Petersburg
Tuesday, June 10, 1986
Report supplied by auction

Muscovy Ducks, Drakes: range 1.70-1.82 per lb.

Muscovy Ducks, Hens: range 1.72-2.00 per lb.

Pekin Ducks: range .40-.62 per lb.

Red Fowl: 4-4½ lbs. range .25-.38 per lb.

Red Fowl: 5-6 lbs. range .50-.64 per lb.

Crossbred Fowl: 6-9 lbs. range .20-.52 per lb.

Crossbred Roosters: 4-6 lbs. range .40-.62 per lb.

Crossbred Roosters: 7-10 lbs. range .30-.54 per lb.

Guinea Fowl: range 2.15-2.35 per lb.

Banty Roosters: range 2.25-3.50 ea.

Banty Hens: range 1.00-2.25 ea.

Leghorn Hens: .12-.16 per lb.

Leghorn Roosters: range .20-.36 per lb.

Geese: 7-10 lbs. range .32-.42 per lb.

Turkeys: 25-36 lbs. range .22-.38 per lb.

Pigeons: range 1.00-1.25 ea.

White Pigeons: range 1.75-2.75 ea.

Silkies: range 5.00-6.75 ea.

Doves: range 2.00-3.00 ea.

Chukars: range 5.50-6.25 ea.

Rabbits: 4-6 lbs. range .70-.92 per lb.

Rabbits: 7-11 lbs. range .60-.78 per lb.

Bunnies: .35-1.00 ea.

Guinea Pigs: range .50-2.50 ea.

Goats: range 27.00-40.00 ea.

Kid Goats: range 11.00-24.00 ea.

Total Number Coops: 850.

Eastern PA and NJ Poultry

Wednesday, June 11, 1986
Report Supplied by USDA

Market Comment: The market tone remained weak, and prices for next week's activity were trending one to two cents lower. Off-farm movement was heavy and total offerings exceeded plant needs. Processor schedules were full and some storing of finished product was necessary as canner sales were slow and highly competitive.

Prices Paid at Farm:
Light Type Hens: 6-8.
F.O.B. Plant: 9-10½.

New York Multiple Drop Broiler Report

Thursday, June 12, 1986
Report Supplied by USDA

Current broiler-fryer negotiated prices for immediate delivery includes mostly multiple drop shipments to New York City from Delmarva.

Range U.S. Grade A 53-61.

Weighted AVG.; U.S. Grade A 58.63.

Premium (X) Boxes 11,069

(X) Includes special services, selected competitive brands, etc.

Weekly New York Egg Market Northeast Quotes

From Friday June 6 to Thursday, June 12

	Fri.	Mon.	Tues.	Wed.	Thurs.
WHITE					
Jumbo	.72	.72	.72	.72	.72
Ex. Large	.62	.62	.62	.62	.62
Large	.59	.59	.59	.59	.59
Medium	.46	.46	.46	.46	.46
Pullets	.35	.35	.35	.35	.35
Off Grade	.53	.53	.53	.53	.53
BROWN					
Jumbo					
Ex. Large	.74	.74	.74	.74	.74
Large	.72	.72	.72	.72	.72
Mediums	.54	.54	.54	.54	.54
Pullets Unquoted					
Peewees Unquoted					
OFF GRADE					
Undergrades	.32	.31	.31	.31	.31
Checks	.30	.29	.29	.29	.29

Northeast Breaking Stocks: 42-44 lbs. 30.00-31.00, 28.00-29.00; 48-50 lbs. 37.00-39.00, 36.00-37.00.

N.E. Weekly Shell Egg Report

Tuesday, June 10
Report Supplied by USDA

Prices paid per dozen Grade "A" Brown eggs in cartons delivered to retail stores:

	Ex. Large	Large	Medium	Small
N. HAMP.	.70-.74	.68-.72	.57-.61	.35-.39
Mostly	.72-.73	.70-.71	.59-.60	.37-.38
R.I.	.74-.78	.72-.76	.60-.64	.38-.42
Mostly	.74	.72	.60	.38
VERMONT	.83-.94	.81-.90	.69-.76	
Mostly	.83	.81	.69	
MAINE	.76-.85	.74-.83	.64-.71	.42-.49

New Wilmington Hay

New Wilmington, PA
Friday, June 6
Report supplied by Auction

26 loads.

Alfalfa, mostly 25.00-54.00, a few 70.00-86.00; Timothy Hay, 55.00-74.00, 1 at 51.00; Clover, 25.00; Mixed Hay, mostly 22.50-41.00 with 1 new crop at 66.00.

Straw, 6 lds. at 30.00-37.50; Ear Corn, 67.50-77.50; Oats, .80-1.75 bu.

Peoria Cattle

Thursday, June 12
Report Supplied by USDA

Compared with last weeks close slaughter steers and heifers sold weak to 2.00 lower, mostly 1.00 to 2.00 lower late. Holstein steers firm to .50 higher. Cows closed steady to weak with bulls steady. Supply mainly good to average choice slaughter steers and heifers with 9% cows. Estimated receipts this week about 1800 as compared with actual receipts of 2141 a week ago and 1748 a year ago.

SLAUGHTER STEERS: Choice 2-4, mostly 3 1050-1250 lbs. 52.00-54.50, late sales 52.00-53.50; 975-1050 lbs. 52.00-53.50. Choice, mostly 4 1100-1300 lbs. 51.50-53.00 Mixed Good and Choice 2-3 950-1150 lbs. 49.50-52.00, Good 2-3 900-1100 lbs. 47.00-50.00. Mixed Good and Choice 2-3 Holsteins 1200-1475 lbs. 45.00-46.50.

SLAUGHTER HEIFERS: Choice 2-4, mostly 3 950-1150 lbs. 50.00-53.00, late sales 50.00-51.00; 875-950 lbs. 50.00-52.50. Choice, mostly 4 1050-1200 lbs. 50.00-52.00. Mixed Good and Choice 2-3 850-1050 lbs. 48.00-50.00. Good 2-3 800-1000 lbs. 45.00-48.00.

COWS: Breaking Utility 2-3 34.00-36.00. Cutter and Boning Utility 1-2 33.00-37.00, few high dressing 37.00-39.00. Canner and low Cutter 30.00-34.00.

BULLS: YG 1-2 1500-2300 lbs. 47.00-50.00; 1200-1500 lbs. 42.00-47.00.

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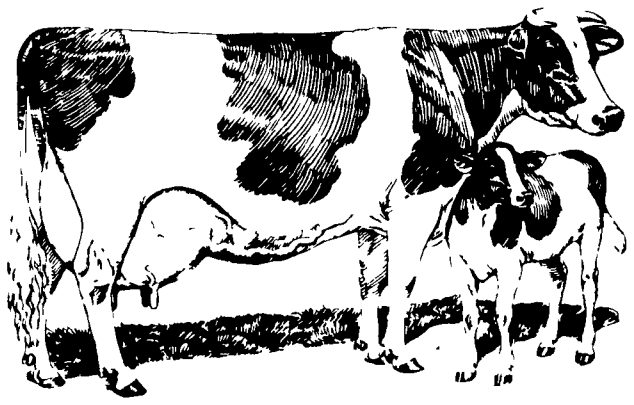

28¢ Per Day - provides her with a daily diet specifically formulated for pre-freshening cows.

Pennfield Dry Cow Program

The 60 day period before freshening is a most important time in the life cycle of the cow. During the period she will "store-up" vitamin, mineral, and energy reserves which she will draw on during her following peak of lactation. Over 50% of her calf weight will devleop during this period, and being a good mother, she will supply nutrients to her calf before she will rebuild her own body reserves.

Good dairymen have seen that proper feeding management during this critical-period, means **easier calving, better appetite** during early lactation, and cows **breed back better** because they have nutritional reserves to draw on during peak lactation.

SPECIAL OFFER - JUNE 2 - JUNE 30

• 1 Free with 10 •

Buy 10 - 50 lb. Bags of Pennfield Dry Cow Conditioner with Selenium and get 1-50 lb. bag free.

• 5 Free with 40 •

Buy 40 - 50 lb. bags of Pennfield Dry Cow Conditioner with Selenium and get 5-50 lb. bags free.

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Dry Cow Conditioner with Selenium

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Use With Roughage Program
LEGUME HAY and CORN SILAGE

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Dry Cow Conditioner With Selenium

2 Lbs. Per Day
Use With Roughage Program
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Use With Roughage Program
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Balanced Nutrition Is The Key

A properly formulated dry cow program allows the dairyman to "control" the nutrient intake of the cow. Calcium and phosphorus levels must be properly maintained and forages should be checked for protein, energy, calcium and phosphorus.

Pennfield Offers You

• Forage Testing--

Pennfield customers receive "no charge" forage testing at our laboratory located in Lancaster, Pa. Testing normally takes 5 working days.

• Dry Cow Program --

A printed feeding program shows correct quantities of forages to be fed along with 2 lbs. of Pennfield "Dry Cow Conditioner with Selenium."

• Trained Dairy Specialists --

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Order Today — Call Toll Free

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pennfield feeds

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Pa. Grain

Monday, June 9
Report supplied by PDA

Compared with last Monday's market for Southeastern, Central and South Central Pa.: Corn steady to 7 cents higher; Wheat steady to 50 cents lower; Barley, new crop on market in Southeastern counties, weak to 25 cents lower in harvest areas; Oats unevenly steady; Soybeans steady to 15 cents lower; and Earn Corn fully steady.

PRICES PAID DELIVERED TO DEALERS DOCK- (All prices per bushel, except Ear Corn per ton.)

Southeastern Pennsylvania

Corn No. 2-y range 2.55-2.82, average 2.66, 1986 Crop* 1.90-2.02; @Wheat No. 2 range 2.60-3.00, average 2.86, 1986 Crop* 2.44-2.60; Barley No. 3 range 1.15-1.50, few reported 1.65, average 1.39; Oats No. 2 range 1.00-1.40, average 1.21, 1986 Crop* .85; Soybeans No. 1 range 4.75-4.90, average 4.80, 1986 Crop* 4.25-4.86; *Gr. Sorghum #2 1986 Crop* 1.90; *+Buckwheat 1986 Crop* 9.50; Ear Corn range 68.00-75.00, average 71.39.

Central Pennsylvania

Corn No. 2-y range 2.40-2.70, average 2.54; @Wheat No. 2 range 2.80-3.00, few reported 2.65, average 2.89; Barley No. 3 range 1.40-1.50, average 1.49; Oats No. 2 range 1.00-1.20, average 1.09; Soybeans No. 1 range 4.50-5.00, average 4.76; *Gr. Sorghum #2 range 2.35, average 2.35; Earn Corn 60.00-70.00, average 64.46.

South Central Pennsylvania

Corn No. 2-y range 2.45-2.55, average 2.52; @Wheat No. 2 2.60-2.80, few reported 3.30, average 2.80; Barley No. 3 range 1.45-1.80, few reported 1.20, average 1.56; Oats No. 2 1.00-1.20, few reported 1.50, average 1.19; Ear Corn range 60.00-71.00, average 66.28.

Western Pennsylvania

Corn No. 2-y range 2.40-2.60, average 2.49; @Wheat No. 2 range 2.70-3.00, average 2.90; Oats No. 2 range 1.00-1.25, average 1.16; Ear Corn range 60.00, average 60.00.

Southeastern, Central & South Central Summary

Corn No. 2-y range 2.45-2.78, average 2.59; @Wheat No. 2 range 2.60-3.00, average 2.85; Barley No. 3 range 1.20-1.65, average 1.45; Oats No. 2 range 1.00-1.30, average 1.15; Soybeans No. 1 range 4.50-5.00, average 4.78; Ear Corn range 60.00-75.00, average 67.75.

Month Ago

Corn No. 2-y range 2.54; @Wheat No. 2 range 3.11, Barley No. 3 range 1.63; Oats No. 2 range 1.16; Soybeans No. 1 range 4.91; Ear Corn range 66.48.

Year Ago

Corn No. 2-y average 2.89; @Wheat No. 2 average 3.33; Barley No. 3 average 1.91; Oats No. 2 average 1.81; Ear Corn average 75.57.

@Light garlicky & better; **44% Protein Bulk; +Per Hundredweight Recleaned 15%; *Few Reported; UC unchanged; #Average Moisture.

Regional Hay

Eastern, Pa.
On-Farm Sales

HAY & STRAW MARKET FOR EASTERN PA. (All Hay No. 2 and better, prices paid by dealers at the farm and per ton.) - Old crop hay mostly steady; New crop hay market not fully established; Straw steady.

Alfalfa 60.00-95.00, new crop 45.00-80.00; Mixed Hay 50.00-80.00, new crop 45.00-70.00; Timothy Hay 45.00-70.00, few to 90, few New crop 45.00-70.00; Straw 40.00-70.00; Mulch 20.00-35.00.

Lancaster Co. Auctions

SUMMARY OF LANCASTER CO. HAY AUCTION For Week Ending June 6, 1986 - PRICES PER TON: LOADS—142 Hay, 46 Straw and 17 Ear Corn.

Alfalfa 58.00-96.00; Mixed Hay 44.00-95.00; Timothy Hay 58.00-86.00; Straw 52.00-82.00; Ear Corn 74.00-89.00.

Central Pa. Auctions

SUMMARY OF CENTRAL PA. HAY AUCTION For Week Ending June 6, 1986 - PRICES PER TON: LOADS-35 Hay, 7 Straw and 13 Ear Corn.

Alfalfa 46.00-64.00; Mixed Hay 36.00-61.00; Straw 34.00-65.00; Ear Corn 67.00-76.00.

Green Dragon Hay

Ephrata, PA
Friday, June 6
Report supplied by Auction

78 loads.

Mixed Hay, 46.00-85.00; Alfalfa, 41.00-101.00; Timothy, 34.00-80.00; Orchard Grass, 71.00-73.00; Straw, 57.00-80.00; Corn, 80.00-89.00; Oats, 1.45 bu.

Chambersburg Hay

Chambersburg, PA
Thursday, June 12
Report supplied by Auction

6 loads.

Wheat Straw, 40.00; 1st cutting Alfalfa, 45.00-68.00; Mixed Hay, 47.50-61.00.

King's Hay

Kirkwood, Pa.
Tuesday, June 10, 1986
Report supplied by auction

16 loads.

New cutting Alfalfa and Timothy, 74.00-84.00; new cutting Mixed Hay, 69.00-94.00; old cutting Hay, 70.00-72.00.

Six loads Straw, 64.00-90.00.

Farmers' Auction Hay

Duncansville, PA
Monday, June 9, 1986
Report supplied by auction

7 Loads Hay.

Mixed Hay 47.00-51.00; Straw 47.00-49.00.

Leinbach's Hay

Shippensburg, PA
Tuesday, June 10, 1986
Report supplied by Auction

21 loads.

Mixed Hay, 38.00-62.00; Timothy, 38.00-93.00; Clover, 40.00-49.00; Straw, 44.00-67.00; Ear Corn, 75.00-77.00; Oats, 1.25; Mulch Hay, 22.00; Locust Posts, 1.30 ea.

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NEW HOLLAND SALES STABLES, INC. - THE ACTION AUCTION

MONDAY

EARLY BIRD HOG SALE
7:30 AM
For Your Protection Your Hogs Must Be Identified

10:00 AM

11:00 AM

HAY
STRAW
GRAIN

1:30 PM
BEEF SALE
CALF, SHEEP, GOATS

WEDNESDAY

12:00 NOON

HEIFERS, BULLS

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WEDNESDAY
FEEDER PIG
SALE
1:30 P.M.

We endeavor to keep our barns cleaner than yours. State graded until 12 Noon

THURSDAY

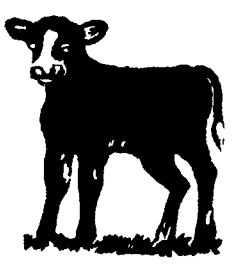
10:00 AM

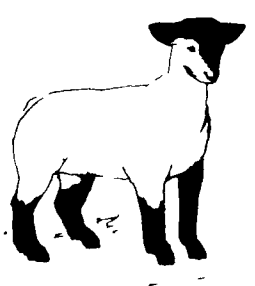
BULLS -

STEERS -
BEEF COWS

2:30 P.M.

CALVES





SHEEP
GOATS

Market your livestock thru New Holland Sales, your neighbor does
Pick-up your check before you leave

Keister's Hay

Keister's Middleburg Auction
Tuesday, June 10
Report supplied by auction

11 loads Hay. Mixed Hay, 41.00-82.50; Straw, 47.50; 8 loads Ear Corn, 67.50-72.50; Oats, 1.30 bu.

Belleville Hay

Belleville, PA
Wednesday, June 11
Report supplied by Auction

17 loads Hay. Alfalfa, 52.50-100.00; Mixed Hay, 40.00-87.50; 2 loads Straw, 40.00-62.50; 2 loads Oats, 1.40-1.50 bu.; 1 load Ear Corn, 47.50.

Good's Hay

Leola, Pa.
Wednesday, June 11, 1986
Report Supplied by Auction

34 loads.

Alfalfa, 70.00-91.00; Mixed Hay, 49.00-88.00; Straw, 43.00-89.00; Corn, 81.00-89.00; Corn Chop, 81.00; Orchard Grass, 77.00.

Dewart Hay

Dewart, PA
Monday, June 9
Report Supplied by Auction

7 loads Hay; 2 loads of Corn.

Hay, 39.00-51.00; Straw, 59.00; Wood, 29.00-56.00 ld.; Corn, 68.00-69.00.

New Holland Hay

Monday, June 9, 1986
New Holland Sales Stables
New Holland, PA
Report Supplied by Auction

129 loads. Prices 5.00-10.00 lower on Hay; Straw about steady, down 5.00. Ear Corn steady compared to last Monday.

Alfalfa, 3 lds. at 90.00-114.00, 13 at 70.00-90.00, Alfalfa Mix, 8 at 80.00-105.00; Timothy and Clover Mix, 14 at 60.00-80.00, 8 at 50.00-60.00, a few under 50.00; Timothy, 10 at 51.00-81.00.

Orchard and Mixed Grass, 5 loads, 53.00-83.00; Straw, 5 at 80.00-94.00, 12 at 65.00-80.00, 18 at 50.00-64.00, a few off color, under 50.00.

Ear Corn, 7 at 81.00-86.00; Oats, 4 at 1.35-1.65 bu.

Carroll Co. Hay

Westminster, Md.
Tuesday, June 10, 1986
Report supplied by auction

11 loads.

Alfalfa (new), 92.00; Timothy, 61.00-63.00, 1.30 bale; Timothy and Clover, .80 bale; Meadow Grass, 56.00; Timothy and Orchard Grass, 71.00; new Timothy and Orchard Grass, 69.00-70.00.

Timothy and Alfalfa, 1.15 bale; Clover, .75 bale.

Central U.S. Carlot

Pork Report
Wednesday, June 11
Report supplied by USDA

Compared to Tuesday's 3:30 P.M. fresh Pork Loins 14-18 lbs. steady to $2.00 lower, fresh hams 20-26 lbs. $3.00 lower, sdls bellies 16-18 lbs. $3.00-4.00 lower. Demand light to moderate, offerings light, trade slow to moderate.

U.S. No. 2 175 lb. pork carcass cutout value declined $1.05 to an estimated $66.69 per/cwt.

Sales reported on 30½ loads of fresh Pork cuts, and 5 loads of trimmings and boneless processing pork.

Fresh Pork Cuts
FOB Omaha Basis
Loins, Regular, Fresh

14-18 lbs. 6 loads range 107.00-109.00.
18-22 lbs. 1 load range 109.00.
22/Up range 100.00 A.

Tenderloins, 2/Bag

Price range 280.00 D.

Picnics, Regular

4-8 lbs. range 49.00 B.
8/Up lbs. range 50.00 B.

Boston Butts

4-8 lbs. 2 loads range 86.00.

Spareribs, Fresh

1.5-3.5 lbs. ½ load range 128.00.

Loin Backribs

1.75/DN lbs. range 230.00 A.
1.75-2.25 lbs. range 220.00 A.

Hams, Skinned Fresh

14-17 lbs. 3 loads range 64.50-66.00.
17-20 lbs. 5 loads range 66.00-68.00.
20-26 lbs. 1 load range 66.00.
32/Up lbs. 65.00-66.00 A.

Hams, Skinned, Frozen

14-17 lbs. 1 load range 69.00.

Bellies, Sdls, Skin On, Fresh

10-12 lbs. ½ load range 60.00.
12-14 lbs. 2½ loads range 67.50-68.50.
14-16 lbs. ½ load range 67.50.
16-18 lbs. 8 loads range 62.00-63.00.
18-20 lbs. range 57.00 D.
20-25 lbs. range 53.00 A.

Pork Trimmings/ Boneless Processing Pork (Chemical Lean)

Combo 42% Fresh range 36.00-37.00 B.
Boxed Frozen range 36.00 B.
Combo 72% Fresh range 73.00 A.
Boxed Frozen 2 loads range 71.00.

Blademeat

Combo 91% Fresh range 90.00 E.

Buts Picnic

Combo 72% Fresh 1 load range 76.00.
Boxed Frozen range 74.00 E.

Skinned Jowls

Combo Fresh 1 load range 28.00.
Boxed Frozen 1 load range 32.00.

Cured and Processed Meats

Hams, Smoked, Skinned, Water Added

16-19 lbs. range 74.00-84.00.
19-23 lbs. range 73.00-87.00.

Picnics, Smoked, Water Added

4-7 lbs. range 59.00-64.00.

Bacon, Sliced, Vac. Pack

1 Lb. Pkg. range 127.00-178.00.

*ABCDE After Market Quotes Represents Days Since Last Actual Reported Sales. Market Quotes After Five Days Without Trade Will Be Dropped.

Potato Yearbook Available

The *1986 Potato Statistical Yearbook*, a National Potato Council publication which combines historical and current potato data, will be available in late June.

The yearbook contains charts and graphs on potato acreage, consumption, prices, utilization — on every aspect of the potato industry. The yearbook also contains lists of state and national potato organizations, NPC leaders and government officials.

The 52-page book will be sent free of charge to all commercial potato growers. Additional copies of the publication will be available for $10 plus an additional $2 charge for orders placed outside of the United States. Contact: Mary Humann, National Potato Council, 4685 Peoria St., Suite 101, Denver, CO 80239.

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THURSDAYS - Cattle & Calves 8 AM to 3 PM

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THE OLD FARMER'S ALMANAC

JUNE 16-22, 1986

A midsummer wedding for the Old Farmer's daughter.

Summer solstice occurs on June 21 at 11 30 EST Mission Specialist Sally Ride became first American woman in space aboard the shuttle *Challenger* June 18 1983 Average length of days for the week 15 hours 17 minutes Battle of Bunker Hill fought in Charlestown Mass June 17 1775 Full moon June 21 (Sat) *True love feels all things and endures all things*

Ask the Old Farmer: On the back of my souvenir spoon from Yellowstone National Park are stamped the words pearl silver It is whitish metal and tarnishes easily Have you ever heard of pearl silver? R P Cairo Ill

Another name for pearl silver is geyserite which also explains its origin

Home Hints To help control dandruff massage salt into your dry scalp before shampooing

OLD FARMER'S WEATHER FORECAST

New England: Week begins with warm temperatures, mid through end of week hot showers

Greater New York-New Jersey: Week begins sunny and warm midweek warm, showers end of week thundershowers, mild

Middle Atlantic Coastal: Beginning of week showers warm temperatures mid-week partly sunny, end of week showers warm

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Farmers Livestock Auction

Duncansville, Pa.
June 9, 1986
Report supplied by auction

CATTLE 171. High Ch. & Pr. sl. steers None, Choice 52.00-53.75, High Good & Low Ch. 49.50-51.50, Good 46.50-50.00, Good & Choice holsteins 44.00-46.25, Standard 41.00-42.75, Utility 34.00-39.25. Choice sl. heifers 50.00-52.50, Good 47.50-50.25, Standard 39.50-43.75, Utility 32.50-39.25. Breaking Ut. & Commercial sl. cows 40.00-42.25, Cutter & Boning Ut. 37.00-39.75, Canner & Low Cutter 31.50-37.75, Shells down to 24.50. Choice sl. bullocks None, Good 43.50-47.25, Standard 41.00-42.50, Utility 34.00-41.00. Yield Grade No. 1 1200-1850 lbs. sl. bulls, 46.75-50.00, Yield Grade No. 2 1100-1450 lbs. 39.75-44.25.

FEEDER CATTLE: Steers Good 51.00-58.50, Standard 36.50-44.50, Heifers Good: 45.00-52.50; Standard: 35.00-43.75; Bulls Good: 45.00-53.50; Standard 34.50-42.50.

CALVES 233. Vealers High Ch. & Pr. None., Choice 74.50-81.00, Good 60.00-72.50, Standard 50.00-62.50. Standard & Good 90 lb.-130 lb. 54.00-65.00, Utility 40-75 lbs. 40.00-53.50.

FARM CALVES: Holstein bulls 90-130 lbs. 94.50-138.50, Holstein heifers 90-130 lbs. 54.00-67.50.

HOGS 64. US No. 1-2 210-250 lbs. barrows and gilts 50.25-51.50, No. 1-3 220-240 lbs. 49.00-50.25, No. 2-3 240-300 lbs. 45.50-48.75, US No. 1-3 300-600 lbs. sows 39.00-41.50, No. 2-3 300-600 lbs. 35.50-39.00. Boars 31.00-32.50, Light weights 33.50-35.00.

FEEDER PIGS 6. US No. 1-3 25-40 lbs. feeder pigs 32.50-38.50 per head.

SHEEP None. Spring/or/Wooled sl. lambs None. GOATS 12. 17.50-40.00.

Eighty-Four Livestock

Eighty-Four, Pa.
Monday, June 9
Report supplied by PDA

CATTLE 301. Compared with last Monday's market: Slaughter cows 50 cents to $1 higher. Choice slaughter steers 51.00-51.25, few Good 48.00-50.50, Standard 44.00-47.50, Utility 38.50-43.00. One Choice slaughter heifer at 50.00, few Good 45.25-48.50, few Standard 41.50-44.50, Utility 38.25-42.00. Breaking Utility & Commercial slaughter cows 38.25-42.25, one 43.50, Cutter & Boning Utility 35.50-39.00, Canner & Low Cutter 32.00-36.00, Shells down to 22.00. Once Choice slaughter bullock at 50.00. Yield Grade No. 1 1100-2000 lbs. slaughter bulls 42.50-50.25, #2 900-1650 lbs. 38.50-42.00. Feeder Cattle: Medium Frame #1 3-550 lbs. steers 53.00-61.00, #2 4-600 lbs. 44.00-59.50. Medium Frame #1 4-600 lbs. heifers 44.00-51.00, #2 3-500 lbs. 40.00-45.00. Medium Frame #1 7-800 lbs. bulls 41.00-49.00.

CALVES 255. Few Choice vealers 70.00-79.00, Good 60.00-70.00, Standard & Good 90-120 lbs. 55.00-65.00, 60-85 lbs. 47.00-57.00, few Utility 50-85 lbs. 32.00-41.00. Farm Calves: Holstein Bulls 90-130 lbs. 90.00-135.00, few Holstein Heifers 90-115 lbs. 70.00-110.00.

HOGS 114. Barrows and gilts $1-$1.50 higher Few US No. 1-2 240-255 lbs. barrows and gilts 50.00-50.75, No. 1-3 230-245 lbs. 49.00-49.75, No. 2-3 240-270 lbs. 48.00-49.00, No. 2-4 280-330 lbs. 43.50-45.50, US No. 1-3 160-188 lbs. 43.00-46.00, US No. 1-3 380-550 lbs. sows 40.00-42.50, No. 2-3 350-600 lbs. 37.00-40.50. BOARS 33.00-36.00.

FEEDER PIGS 18. US No. 1-3 60-80 lbs. 39.00-41.00, 85-95 lbs. 45.00-48.00 – all per head.

SHEEP 174. Spring slaughter lambs $3-$4 lower. High Choice & Prime 62-85 lbs. spring lambs 83.00-85.00, Choice 85-105 lbs. 71.00-80.00, Good 44-65 lbs. 65.00-76.00. Slaughter ewes 21.00-25.00. GOATS 24: Kids 3.00-8.00, Adults 10.00-22.00 – all per head.

New Holland Sales Stables

New Holland Dairy
Wednesday, June 11, 1986
Report supplied by auction

Reported receipts of 63 cows, 90 heifers and 3 bulls. Heifer Market steady; Cow Market lower.

Load of PA fresh cows, 620.00-650.00.

Load of Canada fresh cows, 735.00-1100.00, springers 595.00-950.00.

Load of PA fresh cows, 730.00-950.00.

Load of PA fresh cows, 620.00-1175.00.

Locally consigned cows 650.00 910.00.

Springing heifers 610.00-925.00.

Open heifers 310.00-470.00.

Shortbred 510.00-650.00.

Bulls 360.00-455.00.

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- We will also accept your sows & boars.
- Your cattle will be received from 12:30 to 5 P.M. We will either pay you for your cattle immediately or you may sell them dressed weight.
- There will not be a commission or yardage fee deducted from your check.
- You may call our office Monday morning and we will be able to tell you the base price for hogs for the day.

MELVIN M. LEHMAN - Owner
Danville Buying Station
Phone: 717-275-2880

Livestock market and auction news

Shenandoah Valley Livestock

Harrisonburg, Va.
Saturday, June 7
Report supplied by auction

FEEDER CATTLE: Trend steady.

STEERS: M&L-1 300-500 lbs. 62.50-68.00; 500-700 lbs. 54.00-59.50; 700-1000 lbs. 52.00-55.25. S-L&M&L-2 300-500 lbs. 57.00-62.00; 500-700 lbs. 52.00-55.50; Holstein 300-1000 lbs. 38.75-46.50.

FEEDER BULLS: M&L-1 300-500 lbs. 53.00-62.00. S-L&M&L-2 300-500 lbs. 52.00-60.50.

HEIFERS: M&L-1 300-500 lbs. 50.00-54.00; 500-700 lbs. 45.00-50.25; 700-800 lbs. 45.75. S-L&M&L-2 300-500 lbs. 53.50; 500-700 lbs. 40.25.

STOCK COWS: Beef 440.00-490.00; Baby Calves 20.00-118.00.

SLAUGHTER COWS: Trend steady. Utility & Commercial 2-4 34.00-41.25; Canner & Cutters 1-3 30.00-33.75.

SLAUGHTER BULLS: 1&2 40.25-47.75.

LAMBS: Trend steady. Blue O High Choice & Prime 83.75; Red O Choice 73.00; Feeder Lambs Choice 80.50; Slaughter Ewes 17.00-26.00; Head Ewes 38.00-41.00.

HOGS: US 1-3 200-240 lbs. 48.50; Sows 1-3 36.00-42.75; Boars 27.50.

VEAL: Choice & Prime 59.00-67.00; Good 45.00-59.00.

SLAUGHTER CALVES: Good & Choice 48.00-53.00.

Virginia Cattle

Richmond, Virginia
Northern, Va.
Thurs., June 5 to
Wed., June 11, 1986
Report Supplied by VDA
Head Count: 3,484
Trend: Steady to 2.00 higher.

STEERS: Medium 1 300-500 lbs. 59.50-68.50; 500-700 lbs. 54.00-67.00; 700-1000 lbs. 50.00-61.50. Large 1 300-500 lbs. 63.00-68.00; 500-700 lbs. 55.50-59.50; 700-1000 lbs. 47.50-57.00. Small 1 300-500 lbs. 55.50-62.50; 500-700 lbs. 48.50-61.50; 700-1000 lbs. 47.50-59.50.

HEIFERS: Medium 1 300-500 lbs. 47.50-57.00; 500-700 lbs. 45.75-52.50; 700-900 lbs. 43.00-44.75. Large 1 300-500 lbs. 49.50-50.50; 500-700 lbs. 45.00-54.00; 700-900 lbs. 45.75-49.00. Small 1 300-500 lbs. 45.00-51.50; 500-700 lbs. 45.00.

South & Southwest Va.

STEERS: Medium 1 300-500 lbs. 57.00-67.00; 500-700 lbs. 55.25-63.00; 700-900 lbs. 52.50-54.50. Large 1 300-500 lbs. 58.00-64.50; 500-700 lbs. 58.00-61.00. Small 1 300-500 lbs. 54.00-60.00; 500-700 lbs. 48.00-55.50.

HEIFERS: Medium 1 300-500 lbs. 44.00-54.25, 500-700 lbs. 46.00-52.00. Large 1 300-500 lbs. 48.00-56.00; 500-700 lbs. 48.00-55.50. Small 1 300-500 lbs. 43.00-53.00.

New Wilmington Livestock Auction

New Wilmington, Pa.
June 9, 1986
Report supplied by PDA

CATTLE 176. Compared with last Monday's market: Slaughter cows steady. Few Choice 50.25-54.50, few Good 47.75-50.50. Few Choice heifers 48.75-51, few Good 44.25-45.50, few Standard 42.25-43.75. Breaking Utility & Commercial slaughter cows 38-41.25, Cutter & Boning Utility 35-39.25, Canner & Low Cutter 31-35.50, Shells down to 28.50. Yield Grade No. 1 1200-1855 lbs. slaughter bulls 47.00-50, few #2 980-1500 lbs. 49-53.75. Feeder Cattle: Medium Frame #1 500-750 lbs. heifers 47-52.75.

CALVES 285. Few Prime vealers 84.00-88, Choice 70.00-81, Good 56.00-70, Standard & Good 90-125 lbs. 44.00-52, 65-86 lbs. 30.00-44, Utility 45-70 lbs. 19.00-30. Farm Calves: Holstein Bulls 85-135 lbs. 60.00-75, few 78.00-90.

HOGS 445. Barrows and gilts $2-$3 higher. US No. 1-2 220-245 lbs. 51.50-53.35, No. 1-3 215-250 lbs. 50.50-52.60, No. 2-3 210-265 lbs. 48-50.50, No. 1-3 175-200 lbs. 40.00-45. Sows steady. US No. 1-3 275-600 lbs. sows 34.50-40.50, few No. 2-3 335-470 lbs. 31.00-34. Boars 28.00-36.75.

FEEDER PIGS 65. US No. 1-3 30-40 lbs. feeder pigs 24.00-30, 40-50 lbs. 30.00-37 – all per head.

SHEEP 248. High Choice & Prime 90-110 lbs. spring slaughter lambs 65.00-79, 75-90 lbs. 75.00-82, one lot 93.00, one lot 55 lbs. at 90.00, Choice 45-85 lbs. 72.00-80, 90-115 lbs. 60.00-69, few Good 50-60 lbs. at 60.00. Slaughter ewes 8.00-24.00. GOATS 30: 15.00-31 per head.

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Lancaster Farming

OPINION

National Press exposed to Dairy Farms

A group of Washington D.C. press correspondents and television crews were introduced to farm life this week when they were escorted through two Chester county dairy barns. One a free stall operation on Hopeland Farm and the other a tie stall barn on the New Bolton Center Research Farm.

Even U.S. Congressman E. "Kika" de la Garza, Chairman of House Committee On Agriculture got in on the act by milking a holstein cow from the research farm herd for the benefit of the national press. The occasion was the press conference on location called by the School Of Veterinary Medicine, University of Pennsylvania, at Kennett Square to publicize the research findings to date on bovine somatotropine. The research funded by the veterinary school and American Syanamid Company is progressing into the second lactation of the cows in the testing program.

These reporters spent five hours writing shorthand notes, filming and recording the responses of professors, farmers, and company personnel in the dairy barns and on the lawn of the Allam House at New Bolton Center.

When these reporters returned to Washington later Monday afternoon, they went with a sample of local cheeses and mushrooms and a little manure on their shoes. But the hospitality of the sponsoring groups could be expected to show up favorably in the national reports about the farmer and the new biotechnology.

Until then, an extra bale of alfalfa

Now that we've had a chance to calm down from the initial shock of the first published reports that somatotropin was going to increase milk surpluses by 40 percent and put half of the family farmers out of business, maybe we can make a more rational judgement. And maybe we can prepare ourselves for this new biotechnology when it becomes availabe for on-farm use.

Dr. William Chapula at the school of veterinary medicine, University of Pennsylvania, says that 1989 is the earliest possible time the product can be completely tested and approved by the Food and Drug Administration. That means any dairy farms, large or small, that go out of business over the next three to four years will do so for reasons other than somatotropin.

In addition, a more pratical estimation of the increased production that will result from the on-farm use of somatotropin would be 10 to 20 percent according to Dr. Chapula. That means that at the average of 15 percent a cow milking 60 pounds per day would with proper management be expected to milk 69 pounds.

To administer somatotropin in the form presently proposed for on farm use each dairy cow must be injected with the product each day. That would make the smaller, well-managed family farm better able to utilize the new technology than a large herd owner. The small family farm with a tie stall operation may actually be preserved because the product can give him a new competitive, cost-effective tool to reduce his production costs.

So with these new facts it looks like we need to find something other than somatotropin to blame for our dairy industry problems, at least for three or four more years. In addition, family farms will have at least an equal chance with corporate farms to survive in the age of biotechnology.

And in the meantime if you need an extra 10 to 20 percent increase in milk production until the proposed protein-based somatotropin is available, give your top-producing cows an extra bale of very excellent quality naturally protein-enriched alfalfa hay each day. That should do it.

NOW IS THE TIME

By Jay Irwin
Lancaster County Agriculture Agent

To Encourage Water Consumption

In the managing of any type of livestock or poultry it is very important to obtain maximum water consumption. Some animals, such as a heavily producing milk cow, will drink 30 gallons of water per day. All animals should have free access to water at all times. In the summer the water should be as cool as possible, and in the winter warmed water will increase consumption. Open troughs might be covered unless the water is flowing through the trough.

One way to encourage good water intake is to provide access to loose salt and minerals. These items will not only help water consumption but will balance the ration and help promote more complete digestibility. During warm humid weather, we humans drink more liquids. Livestock and poultry will do the same when given the chance. This is good management and will increase efficiency in production.

To Keep Pesticide Records

Today's battle with insects, fungus, rodents and weeds requires the use of many different chemicals. It is important to keep an accurate record of any chemical used. This would include the date, name of material, application rate, field number and even the direction the wind is blowing. This might save a lot of trouble and loss of income in case there is some question.

Many food items are being checked by Food and Drug representatives for pesticide residues. It is possible to find residues even where the producer followed regulations and every recommended practice. Your records would be very important in these cases. In any event, always follow label instructions.

To Practice Good Sanitation

The prevention and control of various diseases starts with a good sanitation program. This is also true in the reduction of serious fly problems. We are experiencing a fly build-up in some areas. Here again, the place to start is to clean up the premises and eliminate all breeding places. This practice along with the use of approved insecticides should keep flies to a minimum.

Residual wall sprays, fly baits, space sprays and larvacides can be used to reduce the fly problem.

To Feed Shrubs After Flowering Period

Most people know that their plants do better if they're fertilized, but many ask when is the best time to feed shrubs. One important thing to remember is that shrubs need feeding immediately following their flowering period.

For small shrubs, use one-half a handful of a complete fertilizer such as a 5-10-10 or similar analysis. The fertilizer should be placed on the surface of the soil around the plants and lightly raked in.

After you've applied the plant food to the soil, it should be soaked in with rain or a healthy watering. Large plants, of course, may be given a larger amount of plant food.

Once a plant is firmly and fully established, and in good growing condition, then it may not need regular fertilizer application.

Farm Calendar

Saturday, June 14

Adams Co. Dairy Princess Pageant, Biglerville High School, 8 p.m.

Beaver-Lawrence Co. Dairy Princess Pageant, Laurel High School Cafeteria, New Castle, 8 p.m.

Erie Co. Dairy Princess Pageant, Cass Farm, Wattsville

Franklin Co. Dairy Princess Pageant, Kauffman's Community Center, Chambersburg

Lebanon Co. Dairy Princess Pageant, Annville Elementary School, Annville.

Big Weekend Dairy Goat Show and Annual Meeting Pa. Dairy Goat Assoc., Huntingdon Fairgrounds, contact Jane Smeltzer, 814-359-2073.

Sunday, June 15

Dairy Farm Open House, Charles Rogers Farm, Everitt's Rd., east of Rt. 202/31, Raritan Twp. Open to public 1-5 p.m.

Annual Convention, Pa. Grocers Assoc., Valley Forge Convention Center, King of Prussia, contact John McNelis, 215-884-6006.

Annual Convention, Pa. Food Merchants Assoc., Valley Forge Convention Ctr., contact Dave McCorkle, 717-234-6031.

Jefferson Co. Dairy Princess Pageant, Edgewood Dairy, Brookville.

Monday, June 16

NIR Van, Gettysburg Shopping Center, 9 a.m. to 4 p.m. vo-ag shop.

Penn Ag Tax Forum, General Sutter Inn, Lititz, 10 a.m., contact David Brubaker, 733-2238.

Tuesday, June 17

FFA 60th Annual Mtg., Penn State University, thru June 19, contact, Charles Lebo, 717-783-6965.

Sullivan Co. Wool Pool, Dushore, 7:30-11.

4-H Demonstration Night, Huntingdon Area Middle School, 7 p.m.

Huntingdon Co. Ag Forum, Big Wrangler, 7 p.m.

Wednesday, June 18

Elk Co. Dairy Princess Pageant, Royal Motel, Ridgeway.

Thursday, June 19

Mercer Co. Dairy Princess Pageant, Mercer Extension Center, Mercer.

Bedford Co. Maple Syrup Producers Directors Mtg., Extension Office

Huntingdon Co. Fair Directors Mtg., County Fairgrounds office, 8 p.m.

Friday, June 20

Bedford Co. Dairy Princess Pageant, North Bedford High School, Loysburg.

Cumberland Co. Dairy Princess Pageant, Embers Convention Center, Carlisle.

Lycoming Co. Dairy Princess Pageant, Lycoming Mall, Muncy.

Perry Co. Dairy Princess Pageant, Newport Fairgrounds, Newport.

Pa. Forestry Assoc., Regional Dinner, Quality Inn, Williamsport, contact, Robert Clark, 717-766-5371.

Saturday, June 21

Arts on the Square, Elizabethtown, 9 a.m. - 4 p.m.

York Co. Farmers Assoc. Annual Farm Tour. Headquarters, Andersons Butcher Shop, Wellsville Rd.

Lancaster Co. Dairy Princess Pageant, Farm and Home Center, Lancaster.

(Turn to Page A31)

THE BIBLE SPEAKS

BY LAWRENCE W. ALTHOUSE

A LITTLE HABIT

June 15, 1986

Background Scripture:
Jeremiah 7: 1-15; 26.
Devotional Reading:
Jeremiah 26: 1-16.

As a minister I was always confronted with two seemingly contradictory tasks: (1) to persuade people that regular worship is a vital part of Christian discipleship, and (2) that it is not the most vital part.

It is a very human tendency for ministers and congregations to work on proposition #1 to the exclusion of #2. If we can persuade people to come to our church, we count ourselves successful. The more people who come and the more often they come, the better. I once had a District Superintendent who seemed utterly content if our Sunday worship statistics kept advancing at a steady pace. What happened as a result of all that church attendance didn't seem to concern him at all. If I had had to tell him that church attendance had dropped off because some people took exception to what I preached, he would have been most distressed – and so, probably, would I.

THE TEMPLE!

The problem arises when our worship doesn't have any positive effect upon the way we live our lives. The problem, of course, is not with worship but the worshipper. This was the essence of Jeremiah's sermon in the temple. The people of Israel assumed all was well because people were coming to the temple regularly for worship. The priests were happy with the crowds and the people were confident that all was well. Everyone was satisfied – except Jeremiah.

"Do not trust in these deceptive words," said Jeremiah. ""This is the temple of the Lord, the temple of the Lord, the temple of the Lord"' (7:4). Their trust was not to reside with a building, but with the vital relationship they were to experience there.

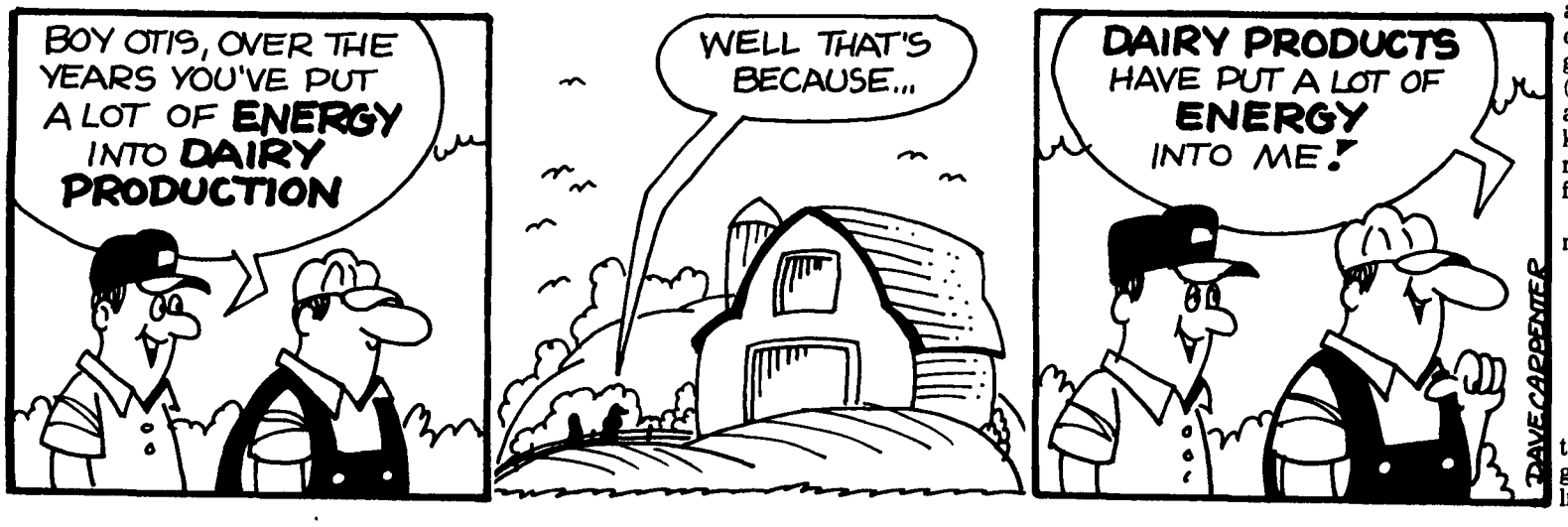
DECEPTIVE WORDS

For all their temple worship the people of Israel were living in ways that displeased God. "Behold, you trust in deceptive words to no avail," preached Jerusalem. "Will you steal, murder, commit adultery, swear falsely, burn incense to Baal, and go after other gods that you have not known?" (7:8,9). If our worship is worth anything at all it will produce the kind of living that God wants so much more than ritual and even faithful attendance in the temple.

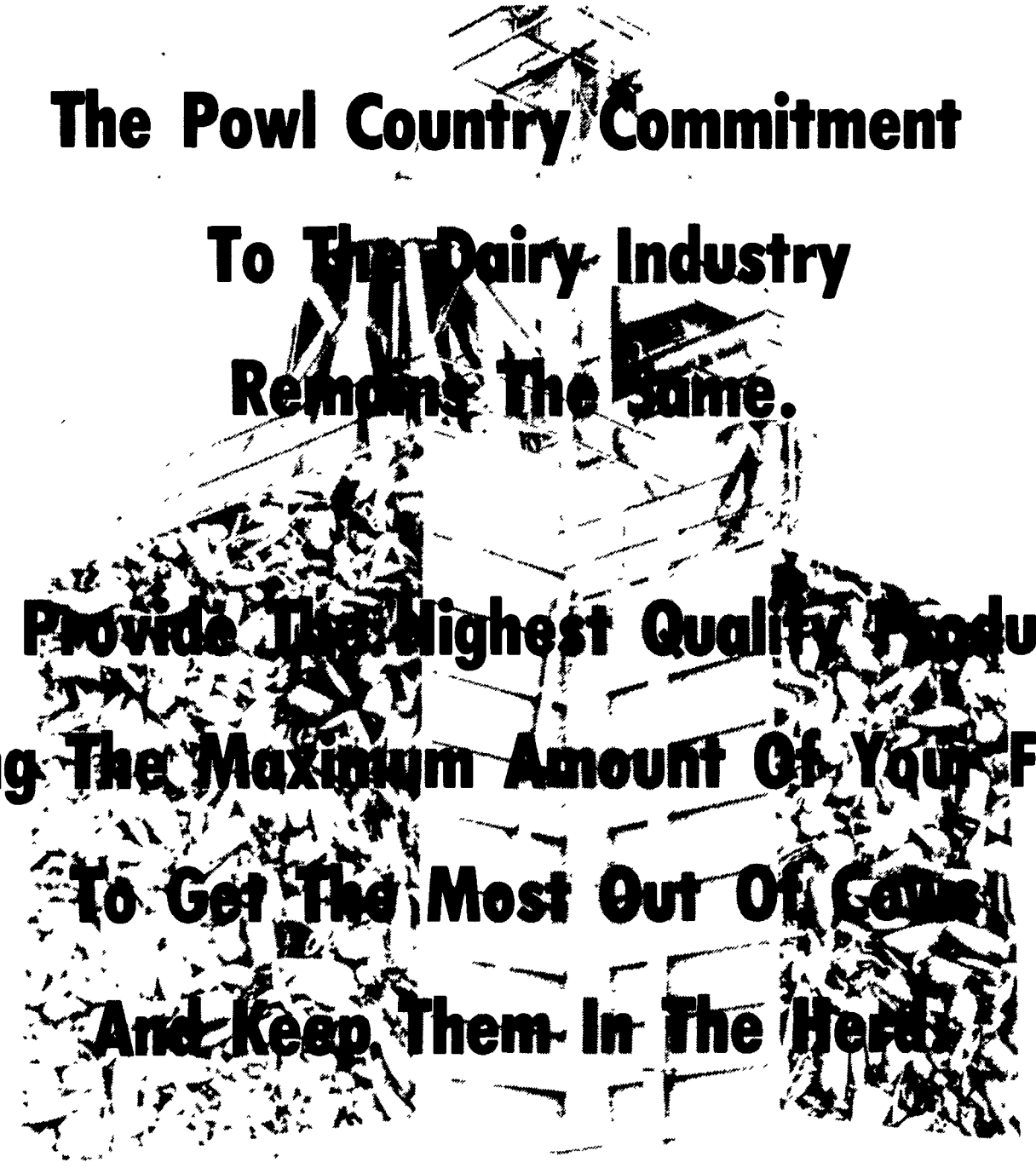
There's a bit of doggerel I remember:

They're praising God
on Sunday,
But they'll be all right on
Monday,
It's just a little habit
they've acquired.

Habitual worship of God is vital to our spiritual condition, but it's got to be more than a meaningless little habit we've acquired.


BOY OTIS, OVER THE YEARS YOU'VE PUT A LOT OF ENERGY INTO DAIRY PRODUCTION
WELL THAT'S BECAUSE...
DAIRY PRODUCTS HAVE PUT A LOT OF ENERGY INTO ME!
DAVE CARPENTER

GREAT THINGS ARE HAPPENING IN POWL COUNTRY



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Livestock market and auction news

Morrison Cove Livestock

Martinsburg, Pa.
June 9, 1986
Report supplied by auction

CATTLE 136. High Ch. & Pr. sl. steers None, Choice 52.00-54.25, High Good and Low Ch. 50.00-51.75, Good 47.50-50.00, Good & Choice holsteins 44.00-47.25, Standard 41.00-42.75, Utility 35.00-40.00. Choice sl. heifers 51.00-53.75, Good 49.00-51.25, Standard 42.00-46.50, Utility 33.50-40.00. Breaking Ut. & Commercial sl. cows 39.50-43.00, Cutter & Boning Ut. 36.50-38.75, Canner & Low Cutter 32.50-37.25, Shells down to 28.50. Choice sl. bullocks 47.50-50.25, Good 45.00-47.25, Standard 40.00-42.75, Utility 35.00-39.50. Yield Grade No. 1 1500-1700 46.75-49.75, Yield Grade No. 2 1200-1600 lbs. 43.50-46.25.

FEEDER CATTLE: Steers Good- 55.00-65.00; Standard- 42.00-48.50; Heifers- Good 47.50-54.50; Standard- 38.50-45.75; Bulls- Good 45.00-54.00; Standard- 35.00-46.50.

CALVES 192. High Ch. & Pr. None, Choice 72.50-81.50, Good 60.00-71.00, Standard 55.00-62.50, Standard & Good 90 lbs.-130 lbs. 55.00-67.50, Utility 50-70 lbs. 42.50-52.50.

FARM CALVES: Holstein bulls 90-130 lbs. 92.50-137.00; Holstein Heifers 90-130 lbs. 57.00-91.00.

HOGS 91. US No. 1-2 210-240 lbs. barrows and gilts 49.25-51.00, No. 1-3 210-250 lbs. 49.25-50.00, No. 2-3 250-300 lbs. 45.00-48.50. US No. 1-3 300-600 lbs. sows 39.00-40.25, No. 2-3 300-600 lbs. 34.75-38.50. Boars 31.50-32.50, Light weights 34.00-35.50.

FEEDER PIGS 37. US No. 1-3 25-40 lbs. feeder pigs 37.50-40.00 per head, No. 1-3 50-60 lbs. 40.00-45.50, Ut. 25-35 lbs. 17.50-24.50 per head.

SHEEP 5. High Ch. & Pr. 90-100 lbs. 78.00-80.00. Slaughter ewes 17.50-24.00. GOATS 10. 17.00-42.50 per hd.

Dewart Livestock

Dewart, Pa.
Monday, June 9
Report Supplied by PDA

CATTLE 184. Compared with last Monday's market: Slaughter cows 50 cents to $1.75 higher. Choice 1050-1395 lbs. slaughter steers 52.50-54.75, Good 46.50-51.50, few Choice holsteins 45.00-48.25, few Standard 41.25-43.00, Good holsteins 44.00-44.50. Few Choice heifers 46.75-49.50, few Good 44.00-46.00, few Standard 38-42.50...Breaking Utility & Commercial slaughter cows 37.00-40.00, few 41.75, Cutter & Boning Utility 34.00-38.00, Canner & Low Cutter 32.00-34.25, Shells down to 28. Choice slaughter bullock, individual at 53.25, one Good 50.25. Few Yield Grade No. 1 1100-1725 lbs. slaughter bulls 47.00.-48.75, individual 1925 lbs. at 57.50, #2 930-1100 lbs. 43.75-44.50. Feeder Cattle: Few Medium Frame #1 3-460 lbs. steers and bulls 60.00-66.00. Few Medium Frame #1 310-465 lbs. heifers 55.50-64.00.

CALVES 161. Few Choice vealers 80.00-85.00, few Good 65.00-77.00, few Standard & Good 110-120 lbs. 60.00-65.00, 70-100 lbs. 52.00-60.00, Utility 60-85 lbs. 40.00-50.00. Farm Calves: Holstein Bulls 90-130 lbs. 75.00-131.00, mostly 95.00-128.00.

HOGS 56. Few US No. 2-3 215-240 lbs. barrows and gilts 48.00-49.60, No. 2-4 255-260 lbs. 40.80-43.50. Few US No. 1-3 3-600 lbs. sows 38.50-42.25. Few Boars 35.25-37.00.

FEEDER PIGS 76. One Lot US No. 1-3 15 lbs. feeder pigs at 26.50, 20-30 lbs. 30.00-35.00, lot 60 lbs. at 50 — all per head.

SHEEP 9. Good and Choice 30-110 lbs. spring slaughter lambs 69.00-80.00.

HAY — Timothy hay 39.00-50.00, Straw at 59.00, Ear Corn 62.00&68.00.

Four States Livestock

Hagerstown, Md.
Wednesday, June 10
Report supplied by Auction

SLAUGHTER: Fed Steers, Steady. Low Choice 50.50-51.25; Good 47.00-50.00; Medium 46.00-Down; Holstein 42.00-46.00. Heifers, Good 43.00-46.00; Medium 38.00-42.00. Cows, Steady to $1 higher. High Yield 38.50-42.00, few to 45.00; Average 35.00-38.00; Big Middle 30.00-34.00; Fatty Herf. 29.00-34.00, Shelly 31.00-Down. Fat Bulls, Steady. Good 44.00-45.00; Medium 42.00-43.00. Veal Calves, Mostly Steady. Choice 70.00-75.00; Good 60.00-69.00; Medium 52.00-59.00; Farm Bulls 95.00-114.00; Light Calves 43.00-52.00; Weak Calves, 42.00-Down. Lambs, Few Offered. Medium 64.00-66.00.

STOCKER: Very Active, $1.50 higher. Steers - 300-550 lbs.- Choice 60.00-64.50; Good 54.00-59.00; Medium 48.00-53.00; Culls 47.00-Down. Steers- 600-850 lbs.- Choice 56.00-60.00; Good 51.00-55.00; Medium 50.00-Down. Heifers- (All Weights)- Choice 49.00-54.00; Good 44.00-48.00; Medium 38.00-43.00. Springing Heifers- to $885.00. Pigs, Hd. $2 Higher. 20-35 lbs. 23.00-37.00; 40-60 lbs. 38.00-49.00; Shoats By Lb. 40.00-50.00. Slaughter Hogs- $1 higher. 230-250 lbs. 49.00-49.50; 260-280 lbs. 46.50-47.00. Sows- 450-575 lbs. 37.00-40.25; 300-400 lbs. 33.00-36.00. Bulls- Good 47.00-50.00; Medium 42.00-46.00.

Greencastle Livestock

Greencastle, Pa.
Monday, June 9

CATTLE 591. SLAUGHTER STEERS: Choice & Prime 53.00-55.25, few to 57.00; Good & Choice 49.00-53.75; Good & Choice--Holstein 46.00-51.50; Standard & Good Holstein- 41.50-46.50.

SLAUGHTER HEIFERS: Choice 51.00-54.50, few to 57.75; Good & Choice 47.00-52.75; Standard & Good 42.00-47.50.

COWS: Utility & Commercial 37.00-41.75, few to 42.75; Cutter & Boning Utility 35.00-41.50, few to 43.75; Canner & Low Cutter 35.00 & down.

BULLS--ALL WEIGHTS: Yield Grade 1 47.50-51.85, few to 53.50; Yield Grade 2 41.00-47.50.

STOCKER CATTLE--ALL WEIGHTS. Steers--Medium & Good 50.00-61.50; Heifers--Medium & Good 45.00-55.00; Bulls--Medium & Good 45.00-53.00; Steers--Holstein 39.00-46.50.

CALVES 433. Good & Choice--125 to 250 pounds 62.00-75.00, few to 84.00; Medium & Good--125 to 250 pounds 54.00-68.00; Medium & Good--80 to 120 pounds 48.00-55.00; Light & Cull--all weights 51.00 & down; Holstein Bulls--return to farm up to 130.00; Holstein Heifers--return to farm up to 68.00.

LAMBS, SHEEP & GOATS 119. Choice Lambs 72.00-82.00; Medium & Good Lambs 60.00-74.00; Light & Cull Lambs 35.00-60.00; Sheep, Ewes & Bucks 18.00-29.00; Goats--all sizes (by head) 10.00-56.00.

HOGS 122. No. 1-3 Butcher Hogs--190-225 pounds 48.00-49.50; No. 1-3 Butcher Hogs--225-250 pounds 48.50-50.70; No. 1-3 Butcher Hogs--250-300 pounds 40.00-46.50; Good Butcher Sows--400 pounds down, up to 42.50; Good Butcher Sows--400 pounds up, up to 43.75; Heavy Boars--over 300 pounds 33.00-34.75; Pigs--all sizes (by head) 18.00-32.00.

Sale every Monday evening at 5:00 p.m.; Hay & straw sale every Monday at 1:00 p.m.

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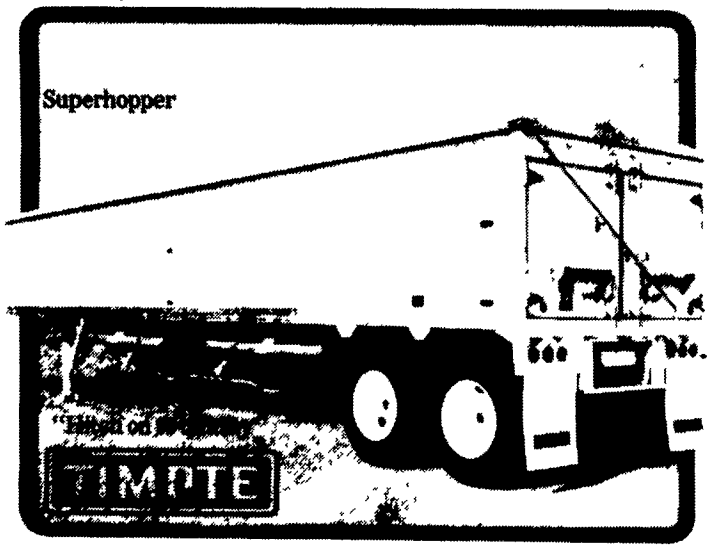

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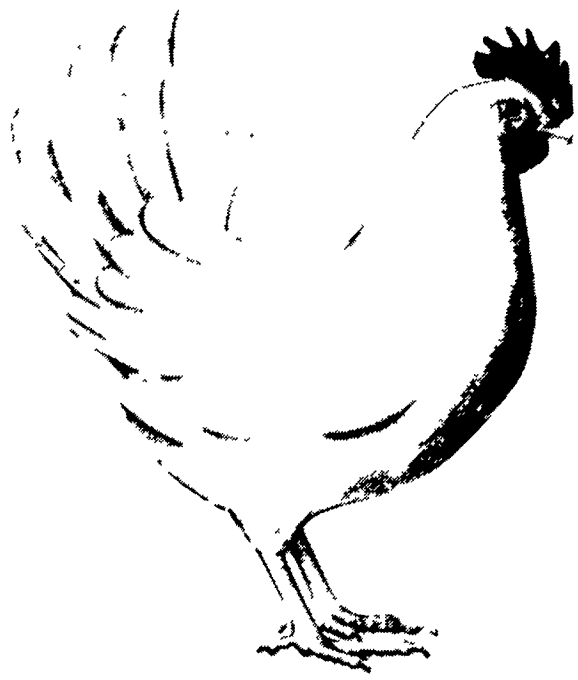

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Livestock market and auction news

Carlisle Livestock

Carlisle, Pa.
Tuesday, June 10, 1986
Report Supplied by Auction

CATTLE: Steers: Good-Choice 49.00-54.00; Medium 47.00-Down. Cows: Strong Demand! Steady to 1.00 higher. High Yield 39.85-41.85; Good 37.50-39.75; Medium 35.00-37.25; Big Middle 33.00-37.75; Shelly 32.00-Down. FAT Bulls: Medium 41.50-47.00.

FEEDER CATTLE: Steers (300-550 lb.) Good 56.00-63.00; Medium 50.00-55.00; Culls 49.00-Down. Steers (600-850 lb.) Good 54.00-61.00. Heifers (all weights) Medium 38.00-44.00. Bulls (all weights) Medium-Good 40.00-49.00.

VEAL CALVES: Active - Mostly Steady. Choice 85.00-100.00; Medium 60.00-69.00; Farm Bulls 95.00-129.00; Good 70.00-84.00; Light/Standard 50.00-59.00; (Few) Light/Weak 49.00-Down.

HOGS: Barrows & Gilts (499 hd.) Steady to 1.00 higher. (US No. 1-3) 210-250 lbs. 49.85-51.00; (US No. 1-3) over 260 lb. 48.00-49.60; (US No. 2-4) (all weights) 34.00-45.00.

SOWS: Active .50 to 1.00 higher on Good Run. Over 450 lb. 38.00-40.75; under 450 lb. 36.75-39.25; Boars: 30.50-36.75.

FEEDER PIGS (by the hd) (15-25 lbs. 17.00-22.00); (25-35 lbs. 28.00-31.00); (35-50 lbs. 35.00-39.00).

Lambs: Choice Heavy 73.00-76.00; (Medium-Good) 63.00-70.00.

EWES: 15.00-43.00 lb.

Goats: (Lg) 45.00-55.00; (hd) Sm./Med. 14.00-33.00.

Westminster Livestock Auction

Hagerstown, Md.
Tuesday, June 10
Report supplied by auction

SLAUGHTER COWS: $1 higher. High Yield none offered; Utility 37.00-40.50; Canners 33.00-37.00; Shelly 33.00-Down. Bulls- 1 1,850 lb., 42.25. Fed Steers- no choice offered; Good 46.50-49.00; Standard 42.00-46.00. Fed Heifers- No choice offered; Yield Grade 3 46.00-47.00; Good 42.00-45.00. Veal Calves- Good run. Choice 200-280 lbs., 65.00-80.00; Standard to Good 50.00-65.00; Killers 80-100 lbs. 42.00-50.00; Weak/Rough 38.00-Down. Farm Calves- Holstein Bulls 100-125 lbs. 85.00-110.00, 90-95 lbs. 50.00-80.00. Holstein Heifers- 100-125 lbs. 52.00-61.00. Butcher Hogs- $.50 higher. US #1&2 1 lot 244 lbs. 51.00; 215-240 lbs. US 1&3 49.50-50.35; 240-260 lbs. US 3 to 48.00. Sows- No heavyweights offered. 400-480 lbs. 37.00-38.25. Boars- 400-600 lbs. 36.75.

STOCK CATTLE: Larger Run, fair demand. Steers- Scarce. Few Good 500-600 lbs. 51.00; Few Good 850-950 lbs. 47.50-50.00; Heifers- 300-500 lbs. Medium to Good 39.00-45.00; 500-700 lbs. Medium 33.00-43.00; Bulls- 300-500 lbs., few Good 51.00-52.00; 500-900 lbs., Good 40.00-45.00. Lambs- 54 head, prices per lb.- 10 head 40-50 lbs. 73.00-94.00; 35 head 50-90 lbs. Good 72.00-82.00, Medium 66.00-71.00; 18 head 100-115 lbs. Choice 74.00-76.00; 1 head 135 lbs. 66.00.

SHEEP: 15 head. 16.00-25.00. Goats- 75 head, prices per head. Large mature 45.00-55.00; Medium 30.00-45.00; Kids 10.00-23.00. Pigs and Shoats: 75 head. By The Head- 20-30 lbs. 21.00-31.00; 30-42 lbs. 34.00-37.00. By The Lb.- 1 lot 192 lbs. 43.00; Stock Boars: 7 head 180-200 lbs. 30.00-36.50; 200-240 lbs. 32.00-39.50.

Valley Livestock

Athens, Pa.
Monday, June 9
Report supplied by auction

Holstein Hfr. Calves 60.00-85.00.
Veal Calves 65.00-88.00.
Vealer Bull Calves 100.00-119.00.
Slaughter Calves 50.00-60.00.
Grassers & Feeders 34.00-45.00.
Lambs 50.00-65.00.
Sheep 18.00-28.00.
Hogs, 200 to 250 45.00-50.00.
Sows 30.00-38.00.
Boars 27.00-30.00.
Pigs 10.00-35.00.
Heifers 38.00-43.00.
Steers 40.00-48.00.
Steers, feeder 36.00-51.00.
Bulls 41.00-49.00.
Cows, utility 37.00-41.25.
Cows, fat 36.50-40.00.
Cows, medium 34.00-36.00.
Cows, poor or small 25.00-34.00.
Cattle Market higher.
Calf Market higher.
Ponies to 90.00.
Goats 15.00-62.00.

Remarks larger volume prices higher.

Feeder Sale 1st Monday of Each Month.

Dairy Sale 3rd Thursday of Each Month.

Frederick Livestock

Monday, June 9, 1986

Butcher Cows $1.50 Higher. Good 38.50-42.00; Standard & Utility 34.00-38.00; Canners 30.00-33.00; Shelly 31.00-Down.

BULLS: Good 45.00-46.75; Medium 41.00-44.00.

BUTCHER HOGS: Not enough offered to quote.

SOWS: 450-600 lbs. 36.00-39.50, THIN SOWS: 30.00-35.00.

VEAL CALVES: Steady to $1.00 higher. Good-Choice 65.00-78.00; Standard 60.00-64.00; Stocky & Thin 52.00-59.00; Light Calves 44.00-50.00; Weak & Rough 43.00-Down.

CALVES RETURNING TO FARM: Very Active.

HOLSTEIN HEIFERS: 90-120 lbs. 51.00-55.00.

HOLSTEIN BULLS: 90-100 lbs. 80.00-108.00; 105-115 lbs. 105.00-116.00.

LAMBS: Medium & Good 64.00-66.00.

STOCK CATTLE: $1.50 Lower. Steers Good 51.00-54.50; Medium 46.00-50.00. Heifers Choice 48.00-51.00; Good 43.00-47.00; Medium 38.00-42.00. Bulls Medium to Good 43.00-47.00. Open Dairy Heifers up to 54.00. Springing Heifers Up To 710.00.

PIGS & SHOATS: $2.00 Lower. By The Head 40-60 lbs. 33.00-39.00; 20-35 lbs. 19.00-32.00.

Leinbach's Produce Auction

Leola, Pa.
Tuesday, June 3 & 10
Report Supplied by Auction

Broccoli: (½ bu.) 1.75.
Cauliflower: (few 2nds) .30 hd.
Cherries: (sweet) .90 qt.
Eggs: (lg.) .40-.55 doz.
Lettuce: (spring) ½ bu. 2.00-3.00.
Onions: (spring) 1 1/9 bu. 3.50-6.80.
Peas: (1 1/9 bu.) 4.75-10.00.
Potatoes: (50#) 1.50-2.45.
Red Beets: (½ bu.) 2.50-3.75.
Rhubarb: (½ bu. box) 3.00.
Strawberries: (sm. lots qt) .40-.90; (lg. lots crates) 10.00-17.50.
Sugar Peas: (½ bu.) 1.50-7.25, mostly 4-5.00.
Tomatoes: (greenhouse) #1 8.00-8.25 box; #2 4.25-5.00.
Yellow Squash: (½ bu.) mostly 3.00-3.50.

Penns Valley Livestock

Centre Hall, Pa.
Tuesday, June 10.
Report supplied by Auction

Beef Cows: Utility and Commercial 39.25-42.25; Cutters 36.25-38.50; Canners 34.10-36.00; Shells 32.00.

Heifers: Standard 45.00-46.50; Commercial 37.00-43.00.

Steers: Good 50.25-53.00; Standard 43.00-48.85.

Bulls: Good 47.25-49.60; Standard 44.50-46.00.

Feeder Cattle: 300-500 lbs. large frame 46.00-54.00; 300-500 lbs. small frame 48.00-52.00; 500-700 lbs. large frame 49.00-53.00; 500-700 lbs. small frame 44.00-49.00.

Veal Calves: Prime 85.00-96.00; Choice 72.00-80.00; Good 60.00-71.00; Standard 51.00-57.00; Utility 43.00-50.00.

Farm Calves: Bulls 90.00-128.00; Heifers 70.00-84.00.

Hogs: 47.75-50.75.
Sows: 36.75-41.75.
Boars: 31.50-33.00.
Shoats: Not Enough To Test.
Goats per head: 10.00-25.00.

New Holland Horses

New Holland Sales Stables
New Holland, PA
Monday, June 9, 1986
Report supplied by auction

Registered receipts of 316 head of horses, mules and ponies.
Market: stronger.
Local
Better Horses 525.00-720.00.
Driving Horses 275.00-1100.00.
Riding Horses 225.00-400.00.
Lightweight Killers 165.00-325.00.
Heavyweight Killers 375.00-475.00.
Mare Ponies 30.00-75.00.
Colts 10.00-25.00.
Gelding Ponies 30.00-75.00.
Larger Ponies 100.00-150.00.

Oklahoma Cattle

Wednesday, June 11
Report Supplied by USDA
Cattle and Calves: Est. 1700.
Auction Sales Totaled 659 head.
Same Day Last Week: 1197.
Tuesday's Final Auction Count 10,439.

Very limited test feeder steers steady. Feeder heifers steady. Demand good. Bulk supply medium frame mixed No. 1-2 & No. 2 600-775# Heifers. No test of slaughter cow or bull trends.

FEEDER STEERS: Medium and large frame mixed 1-2 435# 62.25; 500-600# 55.25-56.00; 650# 54.00; 775# 51.60; 830# 49.50. Medium Frame 2 600# 53.75; 700# 48.80. Large frame 2 Holsteins 265# bulls 67.50; few 670-895# 41.20-41.60. 41.60.

FEEDER HEIFERS: Medium & large frame 1 few lots 655-720# 47.90-48.60. Medium and large frame mixed 1-2 460-560# 51.80-52.00; 600-700# 46.10-48.60; 700-800# 45.30-47.20. Medium and large frame 2 600-775# 43.25-46.25.

SLAUGHTER COWS: Breaking utility 3 pkg. 1130# 34.80. Cutter 1 pkg. 34.75.

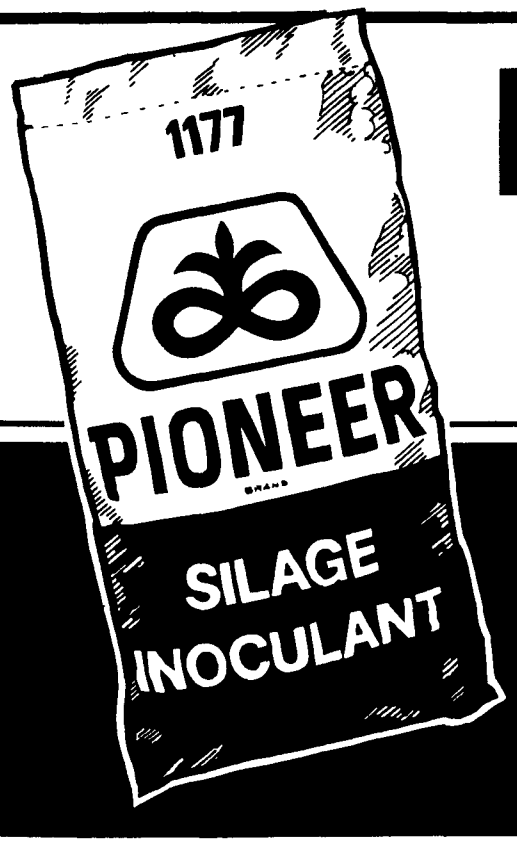
SLAUGHTER BULLS: YG 1-2 965-1070# 41.00-42.60.

FOR THE WEEK: Feeder Steers and Heifers firm to 2.00 higher. Slaughter cows 1.00 lower than last Thursday or steady with volume test of last Wednesday. Slaughter Bulls 1.00-2.00 lower.

Leola Produce Auction

Leola, PA
Tuesday, June 10, 1986
Report Supplied by Auction

Asparagus (12 oz. bunch) 1.00-1.40.
Broccoli 7.00 bu.
Cabbage 3.50-5.50 crate.
Cauliflower .53 hd.
Cucumbers 8.50 bu.
Lettuce (20 hd.) 3.00-4.00.
Onions (40 Ct. Bunch) 6.50-9.25 box.
Peas 8.50-10.00 bu.
Red Beets (15 ct.) 5.00-8.00 box.
Strawberries 8.00-12.00 flat.
Sugar Peas (10# box) 10.00-14.00.
Sugar Snaps (10# box) 11.00-15.50.
Tomatoes (hypertonic) 10.00-15.00.
Yellow Squash (½ bu.) 5.75.
Zucchini (½ bu.) 3.25-6.00.



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PIONEER. BRAND SEEDS and INOCULANTS

Thinning Vegetable Plants

It's important to thin the plants in your vegetable garden while the plants are still small so as not to disturb the roots of the remaining plants. According to Jeff Jabco, Delaware County Cooperative Extension agricultural agent, cucumbers, melons and squash will be ready for thinning as soon as one true leaf has fully expanded.

Don't pull, but pinch off or cut the plants to be discarded. Move extra soil toward the remaining plants immediately after thinning. Thinning is important because crowded plants compete with each other, grow spindly and are usually worthless.

You should thin carrots as soon as the plants become well established so they stand about one inch apart. Then you allow them to develop until they are large enough to be eaten. You can pull alternate plants leaving more room for those that are left.

As soon as sweet corn plants are four inches high, thin them to stand seven to eight inches apart in the row for early varieties and 10 to 12 inches apart for late, long season varieties.

Livestock market and auction news

Central U.S. Carlot

Beef Report
Wednesday, June 11
Report supplied by USDA

Compared to Tuesday's 3:30 P.M. report, steer and heifer carcasses $1.00-2.00 lower, except 400-550 lb. steady to $1.00 lower and Holstein type steers mostly steady. Afternoon demand and trading light with most interests taking a wait and see attitude. Supplies moderate to heavy.

Sales reported on 28 loads of steer and heifer carcasses.

Steer Carcasses:
(14 Loads Reported)
FOB Omaha Basis
Choice 3

600-900 lbs. 4 lds. range 80.00, latest estb. mkt. 80.00.

Good 1-3

600-900# lbs. 2 lds. range 78.00, latest estb. mkt. 78.00.

Holstein Type-
Choice 1-3

600-900# lbs. 5 lds. range 72.00-72.50, latest estb. mkt. 72.00-72.50.

Good 1-3

600-900# lbs. 3 lds. range 68.00-68.50, latest estb. mkt. 68.00-68.50.

Heifer Carcasses
(14 Loads Reported)
FOB Omaha Basis
Choice 3

550-800# lbs. 7 lds. range 79.00, latest estb. mkt. 79.00; 500-550# lbs. 2 lds. range 76.00-77.00, latest estb. mkt. 76.00-77.00; 400-500# lbs. 2 lds. range 76.00, latest estb. mkt. 76.00.

Good 1-3

550-700# lbs. 3 lds. range 76.00, latest estb. mkt. 76.00; 400-550# lbs. latest estb. mkt. 67.00 A.

Steer and Heifer
Primal Cuts
FOB Omaha
Heifer Hinds

119-167# lbs. latest estb. mkt. 102.00 D.

Fores

131-183# lbs. latest estb. mkt. 61.00 E.

Cow and Bull
Carcasses
(45 Loads Reported)

Midwest: Prices firm on Boning Utility and Cutters, but weak on Breaking Utility.

Eastern Texas And Oklahoma: Prices mostly steady, instances $1.00 higher on boning type.

Sales In The Midwest Production Area:

FOB Omaha Basis

Util, Brkg 2-4 450/Up# 4 lds. 59.00-60.00.

Util, Bng 2-4 400/Up# 8 lds. 66.00.

Cutter 1-2 350/Up# 1 ld. 74.00; 400/Up# 2 lds. 75.50.

Bull 1-2 500-Up# 78.00-80.00 D; 600/Up# 4 lds. 81.00-81.50.

Sales in Eastern Texas and Oklahoma Production Areas

Util, Brkg 2-4 450/Up# 3 lds. FOB Plant 60.00.

Util, Bng 1-3 400/Up# 10 lds. FOB Plant 66.00-67.50.

Cutter 1-2 350/Up# 8 lds. FOB Plant 74.00-75.00.

Bull 1-2 600/Up# 5 lds. FOB Plant 80.50-81.00.

Boneless Processing
Beef/Beef Trimmings
(129 Lds. Reported)
FOB Omaha Basis

90% Chem Lean 14 lds. Fresh 101.00-102.00.

85% Chem Lean 5 lds. Fresh 92.00-93.00.

75% Chem Lean 6 lds. Fresh 71.00-73.00, M 72.00, 2 lds. Frozen 70.00.

50% Chem Lean 50 lds. Fresh 31.50-32.50, M 32.00, Frozen 34.50 A.

50% Chem Lean 4 lds. Fresh 32.50-34.00 Boxed A.

Eastern Texas/Oklahoma Production Areas—FOB Plant

90% Chem Lean 25 lds. Fresh 100.00-102.00 D, M 101.00, 6 lds. Frozen 101.00-102.00.

85% Chem Lean 6 lds. Fresh 93.00-94.00.

75% Chem Lean 4 lds. Fresh 71.00, 4 lds. Frozen 70.00-71.00.

50% Chem Lean 7 lds. Fresh 33.00-33.50, M 33.00.

Belleville Livestock

Belleville, Pa.
June 11, 1986
Report supplied by PDA

CATTLE 91. Compared with two week's ago market: Few Standard and Good slaughter steers 44.25-46.35. Few Standard slaughter heifers 41.25-43.75. Breaking Utility 38-41.35, Cutter & Boning Utility 36.50-38.75, Canner and Low Cutter 32.50-36, Shells down to 31.00. Few Yield Grade No. 1 1040-1340 lbs. slaughter bulls 43.75-48.00.

CALVES 122. Few Good vealers 58.00-62, Standard and Good 70-100 lbs. 48.00-56, Utility 60-80 lbs. 40.00-48. Farm Calves: Holstein Bulls 90-130 lbs. 60.00-125, mostly 80.00-105.00.

HOGS 48. Few Lots US No. 2-3 220-235 lbs. barrows and gilts 52.10-52.85, lot No. 2-4 250 lbs. at 46.60. US No. 1-3 3-615 lbs. sows 33.00-38. Few Boars 28-32.50.

FEEDER PIGS 172. US No. 1-3 20-35 lbs. feeder pigs 28.00-38, 35-50 lbs. 35.00-45, few lots 60-70 lbs. 50.00-55 – all per head.

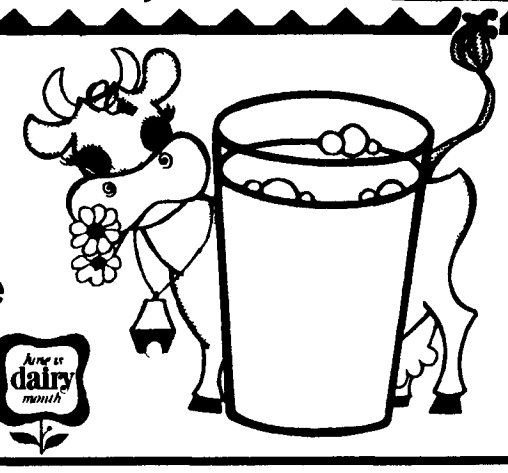
SHEEP 53. Good and Choice 30-110 lbs. spring slaughter lambs 77.00-90, couple 101.00, Good 30-80 lbs. 66.00-83. Slaughter ewes 15.00-38.

GOATS 16. Few Large 29.00-44, Kids 16.00-29 – all per head.

HOLSTEIN DAIRY COWS $480.00-$880, INDIVIDUAL AT $1125.00 PER HEAD.

EVERGREEN TRACTOR CO., INC.

In celebration of *"June is Dairy Month"*... during the month of June, we will have available in our store *FREE* chocolate milk to all customers.



June is dairy month

TRACTORS:

JD 4030 Quad Range	$9,750
JD Model B	$1,250
JD 2010 Row Crop, needs Crank	$1,850
(1) White 2-105 w/Roll Guard	Make Offer
IH 2400 Hydrostatic loader tractor	$4,650
IH 1066 Cab, Air	$10,750
JD 4640 Tractor, P.S. 840 Hrs.	$28,500
JD 2840	$11,500
Ford 6000	$1,950
MF 50 Gas (recently overhauled)	$3,250
JD 3020 PS w/loader, wide front	$6,850
JD Model G.P. (Collector Tractor)	
JD 3020 Gas Syncro-recent engine	$5,850

COMBINES & PICKERS:

JD 6600 Dsl. Rotary Screen
NI 818 combine 4R narrow head & 13' flex head. Sharp
JD 6620 Side Hill Turbo Hydro w/15' Flex Head
#643 6 Row 30" Corn Head
JD 4400 Combine Hi Back Seat, sharp
(2) JD 8820 Combine
(2) #343 3 Row 30"
(2) #443 Corn Heads
#244 Corn Head
#244 Corn Head $1,850
6600 Hydro Combine
JD 330 Corn Husker
JD 453 Bean and Sunflower Head

HARVESTERS & FORAGE EQUIPMENT:

NH Super 717 Harvester	$2,450
NH P.U. Attachment	$575
JD 5400 4 WD Harvester 3 Row 30" Row Crop & 7' Pickup	
(1) John Deere 34 w/One Row Row Crop.	$950
(1) John Deere Three Row Row Crop Attachment, New Belts	$3,250
JD #35 Harvester, 1 row Row Crop.	$2,150
JD #38 Harvester	$1,450

HAY MACHINES:

JD 1209 Stub Guard	$3,250
NH 479 Haybine, Sharp	$3,750
Hesston Hydro-Swing Mower Conditioner	$2,750
NH 850 Round Baler	$3,850

GRAIN DRYERS:

New Farm Fans AB8 Auto-Batch Dryer. MUST MOVE. CALL FOR PRICE .....
(Dealer Inquiries Welcome)

Coming in . . .
JD 201 28' Implement Carrier
JD 2500 5x18" Auto Reset Plow
JD 336 Baler w/#30 ejector
JD 660 Rake
18' Bale King Wagon
JD F845 2B roll over (new)

TILLAGE:

JD 1010 Flat Fold Field Cultivator 18'	$3,650
JD BWF 14' Flex Disc.	$2,350
JD 1450 5x16 Plow	$1,950
4x16" F145 Semi-Mtd. Plow	$1,450
4x16" Semi Mtd. IH Plow	$850
JD 12' C SOLD cker	$650

PLANTERS & GRAIN DRILLS:

JD 20x6 Model B Plain Grain with Grass D.D.	$2,350
JD 8300 Bean Drill	$4,500
JD FBB 15x7 Drill	$450
JD FB Grain Drill	$2,350
JD 8 Row 7000 30" Planter	
IH Model 620 12' Press Wheel Drill, like new	$4,850
(1) JD 6 Row 7000 No-Til Planter	each $7,850
IH 17x7 Grain Drill, Double D	$1,675

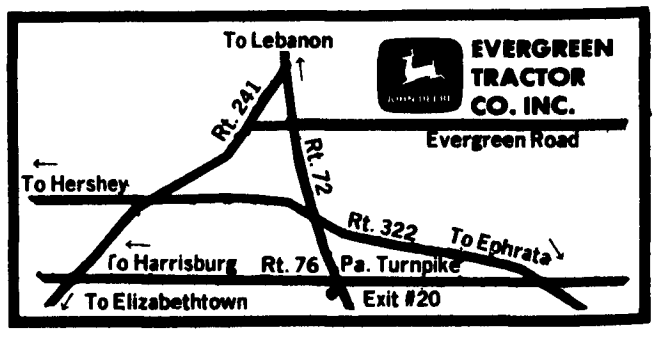
MISCELLANEOUS:

18.4x38 Direct Axle Dual Wheels
14.9x38 Direct Axle Dual Wheels
Papec #880 Grinder Mixer w/Molasses Attach - Sharp $3,950
14.9x26 T-rail duals
JD 10' Dozer Blade 30 or 40 Series 2WD $2,650
NH 679 tandem axle spreader, hyd. endgate . $3,850
NH #90 Bale Mover
NI 214 Spreader w/End Gate $1,850
JD 148 Loader $2,650
Best Land Rock Picker
JD 46 A Loader, fits 3010 to 4020 tractor. . . . $1,650
Mott 5' Flail Mower $550
9 Tooth Folding Anhydrous Bar $1,250

NEW JOHN DEERE EQUIPMENT AT GENERIC PRICES

(1) JD 2700 5-18" Plow with Cover Boards and Coulters, Cash Price $8,600
(1) JD 21' Model 400 Rotary Hoe with Transport $2,975

SPECIAL
NEW 16' 3 BEATER ARTSWAY FORAGE WAGONS
Coming Next Week
$3,450.00 each



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St. Louis Cattle

Thursday, June 12
Report Supplied by USDA

Receipts this week	2,500
Week Ago	3,200
Year Ago	Unavailable

Compared to last week's close, slaughter steers and heifers .50 to mostly 1.00 higher. Cows and Bulls steady. Slaughter supply mainly Choice and Mixed Choice and Prime steers and heifers, around 10% cows.

* Note: The percentage of cows marketed this week showed an apparent decline.

SLAUGHTER STEERS: Mixed choice and prime 2-4 1050-1325 lbs. 53.50-54.50, closing sales 54.00-54.50, several 54.00. Choice 2-4 950-1350 lbs. 52.50-54.00. Mixed Good and Choice 2-3 900-1200 lbs. 51.00-53.00. Good 2-3 900-1200 lbs. 49.00-51.00. Standard to Good 2-3 1100-1600 lbs. Holsteins 40.00-44.75. Few Standard 2-3 1075-1300 lbs. 37.00-40.00.

SLAUGHTER HEIFERS: Mixed choice and prime 2-4 875-1125 lbs. 52.00-53.00, closing 52.50-53.00. Choice 2-4 825-1125 lbs. 51.00-52.50, closing 51.50-52.50. Mixed Good and Choice 2-3 800-1050 lbs. 49.00-51.50. Good 2-3 750-1000 lbs. 47.00-49.50.

COWS: (Closing week sales) breaking Utility and Commercial 2-4 35.00-38.00. Cutter and Boning Utility 1-2 37.00-38.00. High-yielding cutter and boning utility 1-2 38.00. Canner and low cutter 1-2 35.00-38.00. Shelly canner 1-2 29.00-35.00.

BULLS: YG 1-2 1050-2100 lbs. 41.00-47.00. Few YG 1 50.00.

Wednesday's weekly sheep auction. Receipts around 250 head. Slaughter lambs 4.00-5.00 lower. Few slaughter ewes steady to 1.00 higher. Few feeder lambs 5.00-7.00 lower.

SLAUGHTER LAMBS: Choice and prime 95-120 lbs. 72.50-75.50. Choice 70.00-73.00.

SLAUGHTER EWES: Utility 23.00-27.00.

FEEDER LAMBS: Choice and fancy 65-85 lbs. 67.00-70.00.

Indiana Livestock

Homer City, Pa.
Thursday, June 12
Report supplied by PDA

CATTLE: 204. Steers steady to weak; cows fully steady; Choice steers 50.00-52.50; Good 47.25-50.25; Standard 43.00-47.00; Choice heifers 48.00-51.00; High Choice to 52.75; Good 44.50-48.25; Standard 40.00-44.00; Breaking Utility and Commercial cows 39.00-42.00; Cutter & Boning 34.50-39.50; Canner & Cutter 30.50-35.00; YG No. 1 900-1600 lb. bulls 44.00-48.50; few No. 2, 900-1300 lb. 39.00-43.00.

FEEDER CATTLE: Steers few Med. & Large No. 1, 400-650 lb. 48.00-55.00; heifers Med. & Large No. 1, 400-700 lb. 45.00-50.00.

CALVES: 148. Good 58.00-66.00; Standard 52.00-60.00; Standard & Good 90-120 lb. 50.00-58.00; 60-85 lb. 42.00-52.00; holstein bulls 90-125 lb. 66.00-90.00.

HOGS: 235. 1.00 higher; No. 1-2, 210-240 lb. 51.00-52.00; No. 1-3, 225-260 lb. 50.25-51.10; few No. 2-3, 230-270 lb. 48.00-49.00; No. 2-4, 250-280 lb. 43.00-45.00; few No. 1-3, 140-165 lb. 40.00-40.50; No. 1-3 sows 350-550 lb. 38.00-40.25; No. 2-3, 400-650 lb. 37.00-38.50.

FEEDER PIGS: 22. 35-55 lb. 40.00-46.00 per head.

SHEEP: 110. High Choice & Prime 80-95 lb. 71.00-78.00; Choice 75-85 lb. 70.00-74.00; sl. sheep 16.00-24.00.

GOATS: 31. 15.00-38.00; kids 13.00-19.00.

Chambersburg Livestock

Chambersburg, Pa.
Thursday, June 12
Report supplied by PDA

CATTLE: 252. Cows steady to .75 higher; few Good 45.00-52.35; one Choice at 52.85; few Standard & Good holsteins 42.75-44.25; few Good heifers 44.00-46.25; few Standard 39.25-43.00; Breaking Utility & Commercial cows 37.75-41.75; Cutter & Boning 36.50-40.50; Canner & Cutter 32.00-36.50; YG No. 1, 1100-1840 lb. 46.60-52.60; few No. 2, 890-1290 lb. 40.60-47.35.

CALVES: 419. Few Choice 87.00-95.00; few Good 62.00-72.00; 70-100 lb. 52.00-57.00; Utility 60-80 lb. 45.00-54.00; holstein bulls 90-135 lb. 95.00-128.00; heifers 90-125 lb. 60.00-74.00.

HOGS: 36. Few lots No. 2-3, 215-235 lb. 50.25-50.60; No. 1-3 sows 400-665 lb. 38.50-40.00.

FEEDER PIGS: 30. Small lot 75 lb. 46.50; small 100 lb. 51.50 all per head.

SHEEP: 2. Two sl. ewes 18.00 and 24.00.

East Coast Carlot

Thursday, June 11, 1986
Report supplied by USDA

Compared to Tuesday's close: Trading moderate special fed veal 3.00-5.00 lower. Good and choice boning veal steady; Inshipped 1.00 higher. Spring Lamb unestablished with a weak undertone. Boneless Beef 1.00 to 2.00 higher than last week, beef trimmings 4.50 higher.

Veal Carcass- Hide On
Choice & Prime
(Special Fed)
Hide On 230 Head

220-280 lbs. 167.00-170.00, 3.00-5.00 lower.

Good and Choice
Boning Type-Hide On
Northeastern Suppliers
400 Head

65-75 lbs. 83.00-84.00, steady.
55-64 lbs. 81.00-82.00.
45-54 lbs. 79.00-80.00.
35-44 lbs. 77.00-78.00.
34 lbs. dwn. 75.00-76.00.

Inshipped
400 Head

71-80 lbs. 84.00, 1.00 higher.
61-70 lbs. 82.00.
51-60 lbs. 80.00.
41-50 lbs. 78.00.
30-40 lbs. 76.00.

Boneless Beef
(US & Canadian Origin)

3 loads.
3 85 Pct. Chem. Lean, Fresh 96.00, 1.00-2.00 higher.

Beef Trimmings

4 loads.
4 50 Pct. Chem. Lean, Fresh 37.00, 4.50 higher.

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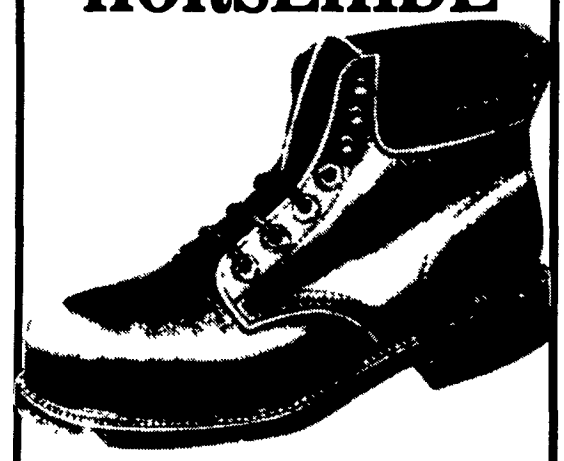

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6 Inch $39.95 8 Inch $42.95

New 8" Horsehide Steel Toe. Like Above but heavy duty convair sole 7 to 13 EE width only $46.95

• We ship within 24 hours!

STYLE	Size & Width	Price Ea.	Total
6 Inch		$39.95	
8 Inch		$42.95	
Steel Toe		$46.95	
Send Checks To: W-R SUPPLY CO. RD No. 4, Box 155 Norwich, N.Y. 13815 (607) 336-6987 "We Pay Postage"		Total	
		N.Y. Add 6% Tax	
		Grand Total	

NAME _____
ADDRESS _____
CITY _____ STATE _____ ZIP _____

Livestock market and auction news

Leesport Livestock

Leesport, PA
Wednesday, June 11, 1986
Report Supplied by PDA

CATTLE 300. Compared with last Wednesday's market: Slaughter steers mostly steady to 1.00 lower; Cows steady to weak. High Choice & Prime slaughter steer, one at 55.50, Choice 50.00-53.00, Good 48.00-51.00, few to 52.60, Good & Choice holsteins 44.00-47.50, Standard 41.50-44.50. Few Choice heifers 45.75-47.25, one 50.75, few Good 40.50-44.85, Standard 38.00-40.25. Breaking Utility & Commercial slaughter cows 38.10-40.50, one 41.25, Cutter & Boning Utility 34.60-38.85, Canner & Low Cutter 28.75-34.25, one 34.75, Shells down to 22.50. Few Choice bullocks 50.00-54.50, Good 45.00-50.75, few 55.25, Few Standard 43.10-46.25. Yield Grade No. 1 1185-1740 lbs. slaughter bulls 47.00-49.85, few #2 1410-1770 lbs. 44.85-46.00. Feeder Cattle: Few Large Frame #2 500-770 lbs. steers 38.75-45.50. One Lot Large Frame #2 405 lbs. heifers at 49.00, few Medium Frame #2 380-405 lbs. 40.50-41.50. One lot Medium Frame #1 670-690 lbs. bulls 44.25, few large 800-960 lbs. 46.00-55.00.

CALVES 163: Vealers steady, spots 2.00 lower. One lot High Choice & Prime vealers at 105.00, couple Choice 95.00 & 100.00, few Good 69.00-76.00, Standard & Good 90-110 lbs. 48.00-52.00, few 61.00, 70-90 lbs. 45.00-50.00, few 56.00, few Utility 70-100 lbs. 40.00-47.00. Farm Calves: Holstein Bulls 90-120 lbs. 75.00-119.00, mostly 100.00-117.00; few Hol. Heifers 95-110 lbs. 60.00-62.00. Beef cross bulls and heifers 70-120 lbs. 52.00-95.00.

HOGS 404. Barrows and gilts steady. Few lots No. 1-2 205-230 lbs. 51.35-51.50, one lot 245 lbs. at 53.00, No. 1-3 215-255 lbs. 51.50-52.25, No. 2-3 225-280 lbs. 50.50-51.85, few down 44.50, few No. 2-4 200-250 lbs. 46.25-47.25. SOWS 3.00-5.00 lower. US No. 1-3 330-485 lbs. sows 34.50-37.00, few 38.50, No. 2-3 280-470 lbs. 30.00-35.75. Boars 31.00-38.00, light weights 36.00-38.50.

FEEDER PIGS 316. US No. 1-3 under 20 lbs. feeder pigs 16.00-22.00 per head, No. 1-3 20-30 lbs. 112.00-119.00, 30-50 lbs. 92.00-107.00, one to 112.00, one lot 80 lbs. at 64.00 (Utility) all per hundredweight basis.

SHEEP 73. Spring slaughter lambs steady to 5.00 lower. High Choice & Prime 72-110 lbs. 71.00-81.00, Choice 40-90 lbs. 70.00-81.00, few yearlings 105-190 lbs. 41.00-64.00. Slaughter ewes 16.00-28.00. GOATS 15: Few adults 20.00-49.00, Kids 11.00-23.00 all per head.

Weekly Summary

Harrisburg, PA
Friday, June 13
Report supplied by PDA
15 Livestock Markets

CATTLE: 7755. Compared with 6544 head last week and 8375 head a year ago. Steers highly uneven; cows uneven steady to strong; bullocks and bulls uneven; High Choice & Prime No. 2-4, 54.00-56.75; Choice No. 2-4, 50.00-54.50; Good 47.00-51.00; Standard 43.00-47.00; Choice heifers 48.00-53.00; Good 44.00-48.50; Standard 41.00-44.00; cows Breaking Utility & Commercial 38.00-41.25; Cutter & Boning 35.00-39.00; Canner & Cutter 31.00-36.50; shells 22.00; few Choice bullocks 50.00-54.50; Good 45.00-50.75; few Standard 43.00-47.75; YG No. 1, 1000-1850 lb. bulls 44.50-51.75; No. 2, 900-1500 lb. 42.00-47.00.

FEEDER CATTLE: Med. No. 1, 300-500 lb. 53.00-66.00; Med. & Large No. 1, 400-700 lb. 45.00-58.00; heifers Med. 1, 300-600 lb. 46.00-51.00; No. 2, 300-750 lb. 40.00-49.00; bulls Med. 1, 400-800 lb. 41.00-49.00.

CALVES: 3540. Compared with 3317 head last week and 3603 head a year ago. Steady to 5.00 lower; few Prime 85.00-109.00; Choice 70.00-85.00; Good 60.00-70.00; 110-130 lb. 52.00-60.00; 90-110 lb. 48.00-57.00; 65-85 lb. 40.00-50.00; Utility 50-110 lb. 35.00-48.00; holstein bulls 90-135 lb. 60.00-135.00; heifers 90-130 lb. 53.00-88.00; beef cross bulls and heifers 50-100 lb. 52.00-66.00.

HOGS: 4841. Compared with 5635 head last week and 5981 head a year ago. Steady to 1.00; spots 2.00 higher; No. 1-2, 210-245 lb. 51.00-53.25; No. 1-3, 215-250 lb. 50.00-52.50; No. 2-3, 220-265 lb. 48.00-50.50; No. 2-4, 230-285 lb. 43.50-48.00; No. 1-3, 150-200 lb. 40.00-46.00; sows mostly steady 300-650 lb. 34.00-42.50; No. 2-3, 300-585 lb. 33.00-37.00; boars 30.00-35.00.

FEEDER PIGS: 1174. Compared with 1264 head last week and 962 head a year ago. Steady to weak; 20-35 lb. 24.00-36.00; 35-50 lb. 30.00-45.00; 50-100 lb. 39.00-65.00.

3 GRADED FEEDER PIG SALES: 2415. Compared with 1405 head last week and 2967 head a year ago. Uneven; mostly steady to 6.00 lower; 20-30 lb. 120.00-122.00; 30-40 lb. 85.00-112.00; 40-50 lb. 82.00-107.00; 50-60 lb. 77.00-101.00; No. 2-3, 20-40 lb. 82.00-114.00.

SHEEP: 1355. Compared with 1469 head last week and 1392 head a year ago. Highly uneven; High Choice & Prime 70-115 lb. 70.00-85.00; Choice 45-115 lb. 69.00-82.00; Good 30-80 lb. 60.00-76.00; sl. sheep 12.00-30.00.

North Jersey Livestock

Hackettstown, NJ
Tuesday, June 10
Report supplied by auction

Calves- .23-1.10.
Cows 31.25-43.50.
Easy Cows 11.00-38.25.
Heifers 32.50-49.00.
Bulls 42.75-53.25.
Steers 36.50-61.00.
Hogs 31.00-49.00.
Roasting Pigs, each 29.00-45.00.
Boars 32.00-33.00.
Sows 32.00-38.00.
Sheep .05-.39.
Lambs, each 15.00-53.00.
Lambs, per lb. .30-.94.
Goats, each 16.00-73.00.
Kids, each 9.00-36.00.
Hides, each 17.00.
Total 1220.

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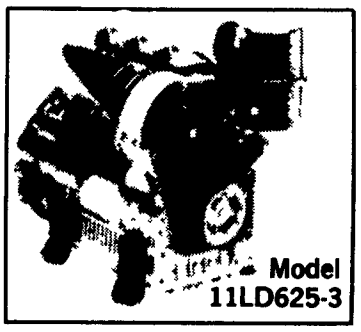

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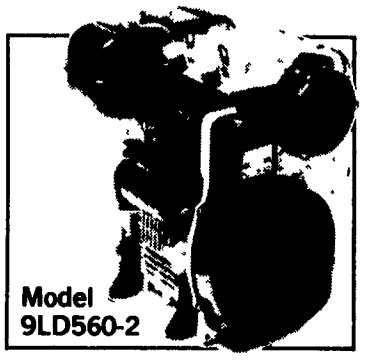

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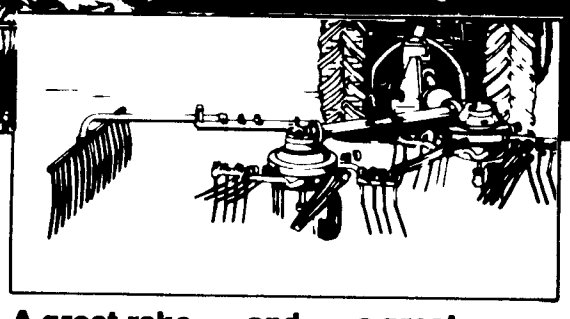

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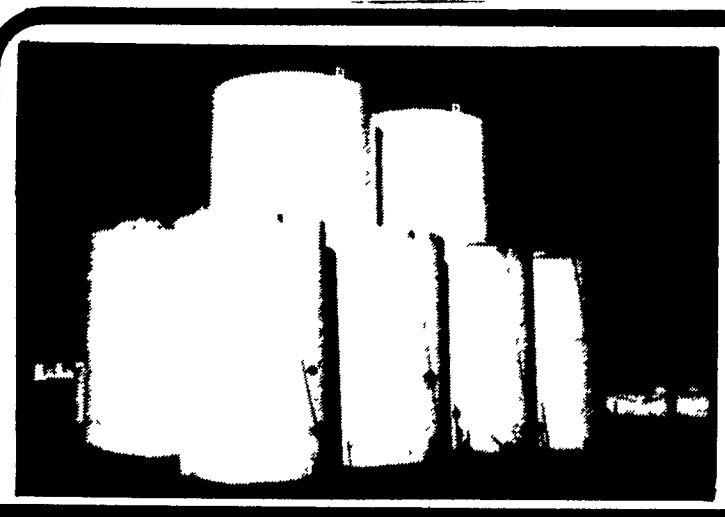

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Thursday, June 12
Report Supplied by USDA

Sales This Week:	825
Last Week:	1326
A Year Ago	1297

Trading moderate.

Slaughter steers and heifers ended the week steady to .50 lower.

Slaughter steers Choice 2-4 1200-1350# 53.00-55.00.

Mixed Good and Choice 2-3 1000-1300# 52.00-53.75.

Slaughter heifers Choice 2-4 950-1100# 51.50-53.50.

Mixed Good and Choice 2-3 900-1050# 50.00-52.50.

Omaha Weekly

Thursday, June 12
Report Supplied by USDA

Slaughter steer and heifer prices turned lower at close at midweek after registering advances early. Closing price levels on slaughter steers steady with the previous week, slaughter heifers steady to .50 lower. Declines in dressed beef prices was again the major factor in determining changes in live price levels. Slaughter cows steady to 1.00 higher. Slaughter bulls firm.

Estimated 5 day receipts this week 5,600 head compared to actual total last week of 9,226 and 10,373 last year. Slaughter steers accounted for 48 percent of the weeks receipts, slaughter heifers 40 percent, slaughter cows 8 percent and feeder cattle 2 percent.

SLAUGHTER STEERS: closing sales choice 2-3, few 4's, 1075-1300 lbs. 53.00-54.50. Mixed good and choice 2-3 1050-1250 lbs. 51.50-53.50. Good 48.50-52.00. Few mixed good and choice 2-3 1100-1400 lb. holsteins 41.00-42.00.

SLAUGHTER HEIFERS: closing sales choice 2-3 950-1150 lbs. 51.50-53.00. Mixed good and choice 2-3 950-1050 lbs. 50.00-51.50. Good 47.00-50.00.

Average of LS 214 detailed price quotations for choice 900-1100 lb. steers this week 53.08, 1100-1300 lbs. 54.33. Average cost of all slaughter steers this week 53.24, average weight 1,180 lbs. compared to 53.45 and 1,204 lbs. last week. Average cost of all slaughter heifers this week 52.65, average weight 1.053 lbs. compared to 53.24 and 1,055 lbs. last week.

SLAUGHTER COWS: Few breaking utility and commercial 2-4 36.50-39.00. Cutter and boning utility 1-3 36.00-41.25. Canner to average cutter 33.00-37.50.

SLAUGHTER BULLS* Few 1-2 1350-2050 lbs. 46.25-50.75, low dressing 41.50-45.00.

USDA Announces Details of Grain-Fuel Ethanol Program

WASHINGTON – Acting Secretary of Agriculture Daniel G. Amstutz today ruled out the compounding of benefits for producers of fuel ethanol who take advantage of the Commodity Credit Corporation's grain-fuel-ethanol program.

Under the program producers can earn a commodity certificate equal to one bushel of CCC-owned grain for every 2½ bushels of grain removed from the marketplace.

"Fuel-ethanol producers who acquire grain with a CCC certificate or buy grain with the proceeds of a CCC certificate cannot use that grain to generate more assistance," said Amstutz.

After ruling out this form of compound benefits, Amstutz announced the following additional details of the program, which uses surplus grain to aid the financially distressed fuel ethanol industry.

- Producers must submit proof that they bought grain and turned the grain into fuel ethanol during an eligible processing month to qualify for certificates.
- Producers may accept CCC's offer by presenting evidence of grain acquisitions and ethanol production as provided in CCC's "Announcement and Offer," an agreement form, which will be sent to all eligible producers.
- Producers must submit proof of the previous month's fuel production on or before the last day of the following month. For example, proof of all grain-based ethanol production for May 1986 must be submitted to CCC on or before June 30, 1986.
- Producers may submit proof of all bushels used to produce fuel ethanol during an eligible processing month.
- Regardless when a producer receives notice of eligibility, all grain removed from the market and used to produce ethanol between May 10 and September 30, 1986, is eligible for commodity certificates.

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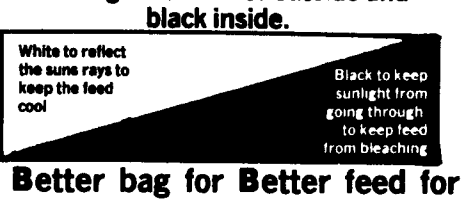
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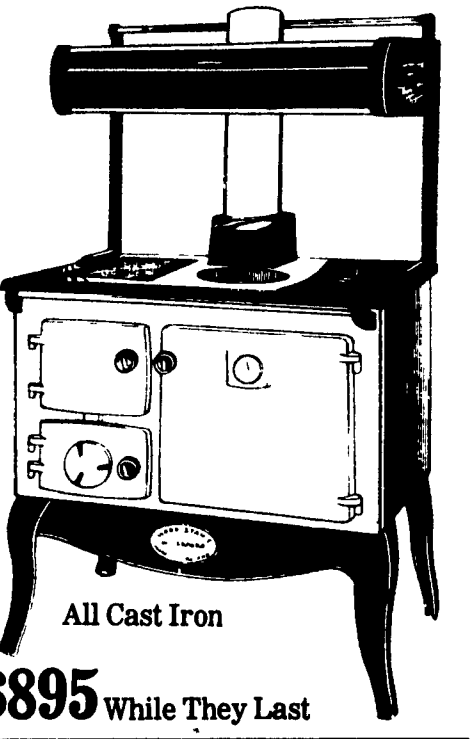
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Windsor Manor Holsteins is a Family Tradition

BY SHARON B. SCHUSTER
Maryland Correspondent

NEW WINDSOR, Md. — Just a speck on the map, between Baltimore and Frederick is New Windsor, Maryland, home to a Carroll County dairy farmer whose impact has been felt as far away as Japan.

At 35, Jason Myers has achieved local and national recognition as a progressive dairyman and breeder. His big break came with the sale of the 1976 Grand Champion Holstein at the Maryland Spring Show to Japanese investors.

"That's what really helped us to go on our own," he explained. "She was an excellent show cow." The Kingstead White Rock daughter went on to set a national record for production in Japan.

As grand as that milestone was, Myers hasn't been resting. He continues to capture titles, and works at being an active leader in the dairy business. Myers is the current president of the Carroll County Holstein Association and has been on the board of directors of the Maryland Holstein Association for six years.

In 1979 he was named Outstanding Young Cooperator by the Maryland Co-op Milk Producers. A year later, he captured the title of Maryland Holstein Junior Breeder. This year Myers was honored by the Jaycees as Outstanding Young Farmer.

"In our field, we have to be experts in too many things," he said. "It's important to know where to go to get answers." The University of Maryland graduate credits much of his know-how to practical experience with his father, whom he describes as "a real progressive dairyman."

Myers worked in a 50—50 partnership with his father for nine years. In the late 70's he built up equity by selling 20 to 25 cows per year to other farmers and investors.

"Building up enough equity to go on your own, and deciding when you have reached that point," he explained, "is one of the biggest obstacles." He also believes that "financing is too easy." Myers said, "Now that we're on our own, we're building up the herd. We don't sell many."

The herd now numbers 58, with approximately 90 percent registered. The bovine of Windsor Manor are as infamous as the dairyman himself. The current rolling herd average is 19,450 pounds of milk, 676 pounds of fat, and 3.3 percent protein.

On the year ending high rolling herd average, the Myers's herd was ranked eighth in the county. The HFAA classification is 106.3 BAA on 49 cows. At the Maryland Spring Show in February, Myers showed the best three females.

Myers pursues various methods of upgrading the herd. Besides the AI services of Select and Sire Power, he uses embryo transplants. "We work with our own cows," he explained. Subproducing cows are used as the recipients. "There are 10 pregnancies now in our own animals," he added.

Favoring super ovulation over single ovulations, Myers said, "While you're at it, you might as well do supers." Recalling one particularly successful attempt, he said, "We got 14 good eggs from one cow, implanted nine, six took, and we froze some."

The implants are done surgically. He said the "tricky part" is getting all the animals ready at the same time. "Last year's ET's produced two bulls and two heifers," Myers noted.

The young farmer has definite ideas about the dairy industry. "Government programs tend to make over-production which keeps prices down," declared Myers.

He favors instituting a quota system and explained, "We're good producers, but lousy merchandisers and advertisers. We've got a lot going for us — the value of calcium, the protein in milk, and cheese is popular in the country." Myers continued, saying that milk must be viewed as a beverage that has to compete in that industry.

The success that Myers enjoys at Windsor Manor Farm is the result of many years of planning and practical modifications to the facility. When he moved to New Windsor two years ago, he leveled a hillside behind the existing stanchion barn, and built a freestall barn on the newly leveled ground to get more protection and sunlight.

Windsor Manor Farm, located in Carroll County, Maryland, is home to Jason Myers, a dairy farmer whose influence has been felt as far away as Japan.

Included in the new barn design are four bays, with box stalls for older cows, one bay with oversized stalls which are 52 inches wide to accomodate bigger cows, and free stalls for heifers. During the winter, the barnyard can be separated by gates, allowing the bred heifers to clean up the leftovers that travel around clockwise on the 70 foot conveyor feeder.

"The cows always get fresh feed," he explained. The conveyor is fed by two concrete silos; the 16-by-72 silo contains alfalfa haylage, and the 20-by-80 silo is filled with corn silage. "We put everything we can get into those silos," he said.

Second cutting alfalfa goes into square and round bales. Myers said that he depends upon custom work for most of his planting and harvesting.

The barnyard is built on a 2 percent slope, a more noticeable grade than the usual 0.5 percent. This grade helps to keep the surface cleaner and drier, though the lot is scraped daily. The last several feet of the lot slope upward to create a slight 'V' which carries runoff to a natural grass swale running to a nearby lagoon.

At the end of the barnyard is an 80-by-60 manure pit. The previous level of the manure in the now empty pit is still detectable on the eight foot walls. Built on a 75 percent cost share as part of the Rural Clean Water Project, the pit is designed to hold the manure of 80 cows for 180 days.

It took 200 yards of concrete and three miles of steel to build the structure according to government specifications. Myers has also put in contour strips and 2,000 feet of grass waterways as part of the RCWP program, all on 75 percent cost share.

The floor of the stanchion barn is clean enough to wear white "tennies" without ever having to worry about scraping the bottoms. It's clean. Myers said he can milk with four units at one time.

The skeleton of a future office area stands adjacent to the milkhouse. Asked if he is going to computerize his operation, he replied, "My computer is right here," pointing to the "gray matter" underneath a thick crop of brown hair. The office will house the many awards and photographs, and provide a place to complete paperwork.

Myers manages the place along with an additional 120 acres of rented ground, with the part time help of Jason Shutter. The 17 year old Westminster High School senior has been working at Windsor Manor since January, helping with the 4:15 p.m. milking.

Myers feeds a grain mix to his 19,450 pound herd prior to milking.

After milking, the cows enter the barnyard for exercise and to feed at the bunk.

Jason Myers attributes his sucess to his family working together. With Myers and his wife, Donna, are their daughters, Kelly (left) and Kristin.

But, it is Donna Myers who sees that things run smoothly both in the barn at 5:30 a.m. and in their home around the clock.

"She works with me," said Myers of his wife, and mother of their two young daughters. She raises the calves for the first year, in hutches and then in a converted hog barn for heifer calves. "Newborn calves that's my favorite part," said Donna Myers.

"I don't trust them to anybody else." She said that working on the farm gives her the opportunity to work with the family. "The kids, Kelly, 8, and Kristin, 5 can work with us."

Well prepared to be a farmer's wife, Myers grew up on a Guernsey farm as the farmer's daughter, and graduated from the University of Maryland with a degree in Home Economics, with a minor in Extension. On days that find Myers and his help in the field trying to get a load of haylage into the silo, his wife very capably starts the afternoon milking.

Living proof that "Milk, it does a body good," the slender housewife (who professes to eating "lots of ice cream") remodeled their 1815 home and decorated it with warm, country colors. Wreaths, samplers and the girls' art work adorn the walls around the stone firplace in the kitchen.

Her husband confirmed her abilities as a fine country cook, but he is not the only one who sings the praises of her culinary talents. A cheesecake that she baked to be auctioned by the Maryland State Holstein Association at a fundraiser to send the 4-H judging team to Europe, brought a record $95. It was bought by the team's coach, Dr. Lee Majeskie.

Together, the family enjoys showing cows and attending shows and conventions, such as the upcoming Maryland Holstein convention to be hosted by Carroll County on February 20 and 21, 1987.

Vacations together are a rarity, and are very much appreciated by the whole family. It is evident that Windsor Manor Farm is truly a family enterprise, and, therein lies the secret of its success.

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of officers and activities

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Franklin County Holstein Club

KAUFFMAN STATION — The 12 directors of the Franklin County Holstein Club are: Roy Cordell, president; Alvin Meyers, vice-president; Grant Gayman, secretary-treasurer; George Cashell, state director; J. Robert Meyers, Jr., news reporter; Jaye Young, Ed Brake, Robert Eckstine, Bradley Beidel, Jim Burdette, Harold F. Crider, and Stanley Burkholder.

Membership for the club stands at 275.

In July the club will be sponsoring their annual Field Day. This program, chaired by James Burdette, will be feature a guest speaker. Several cow classes will be judged, door prizes will be given as well as awards to the judging winners. Approximately 25 agribusinesses will be setting up displays. Fried chicken box lunches will be available.

The annual show is scheduled for August 21 at 5:30 p.m. Show chairman is Paul Eckstine. Judge of the show is Dennis Patrick of Rothrock Farms, Kempton. Only Franklin County residents are eligible to show here, and the total entries usually exceeds 175. This total makes it one of the largest county shows in the state.

Last year's show produced seven animals that went on to become winners in the All-Pennsylvania contest.

This year Franklin County will have a new project. On October 10, at the Franklin County Fairgrounds, they will host their first solo sale in 10 years. It is planned to have 50 of the best animals from within the county and from surrounding areas. Robert Eckstine and Brad Beidel will be heading up this project.

In November the club will hold their annual tour. It has been their policy to tour an area that can be completed between milkings one year. The alternate year, an area further away is selected, sometimes overnight. This completes a two-year cycle.

Jaye Young serves as chairman of the Youth Committee which has 156 members. The officers of the Junior Holstein Club are: Debbie Hawbaker, president; Tom Eckstine, vice-president; Stephanie Meyers, secretary; and Beverly Meyers, treasurer.

The youth hold a bowling and pizza fun night in the spring. They also hold a youth show with the county Holstein Show. In the summer, an ice cream social and ball game is held.

Franklin County has a very busy and effective Dairy Promotion Committee. From the start, this committee has been chaired by members of the Holstein Club.

Franklin County Holstein club directors include: front row from left, George Cashell, Roy Cordell, Alvin Meyers and Grant Gayman. In the back row, front left, Robert Eckstine, Harold Crider, Jaye Young, Stanley Burkholder, Brad Beidel, James Burdette, J. Robert Meyers, and Ed Brake.

Robert Eckstine and Ed Brake share the chairman responsibilities with Harold Crider serving as treasurer.

Unique to this club is a classification program. When the classifier comes into the area a supper meeting is held for all those who classify. The classifier presents a short talk, then opens the meeting for informal discussion.

Westmoreland Holstein Club

GREENSBURG — The newly elected Directors for the Westmoreland County Holstein Club are John McIlvaine of Greensburg, Ken Walters of New Alexandria and Steven Waryanka of Irwin. They recently held a barn meeting at the James McQuaide farm near Slickville. A cow class was judged and a classifier was on hand to discuss Linear Classification.

Wyoming-Lackawanna Holstein Club

MESHOPPEN — President of the Wyoming-Lackawanna Holstein Club is John Rhoades. Other officers include: Ken Teel, vice-president; Roger Sherwood, secretary; and Francis Hirkey, treasurer. July 27 is the tenative date for their annual picnic. Their annual meeting will be held in February, 1987.

Lancaster Holstein Club

LANCASTER — At a recent board of directors meeting, the annual club sale was scheduled for August 14, 7 p.m., at the Lampeter Fairgrounds. They will also be hosting their annual show on July 24 at 10 a.m. Denny Patrick, Kempton will be the judge.

A $500 donation will be given to the dairy princess program to be used for a public speaking and etiquette class. It was also announced that Sally Bair, after 14 years service, resigned as club news reporter. Kim Stroud of Federated Genetics was named as Sally's replacement.

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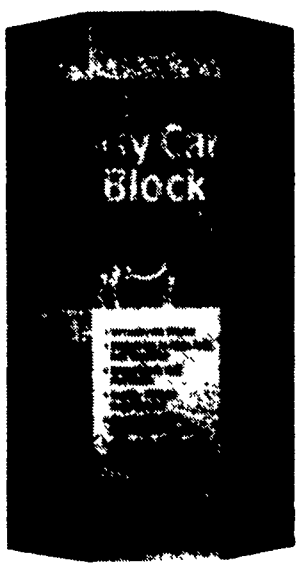

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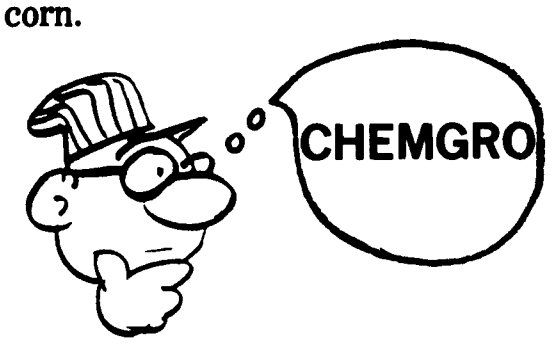

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THERE'S ONLY ONE...HAMILTON.

York County's Oldest Milking Cow - Going Strong at 17 and Still Producing

BY JOYCE BUPP
York County Correspondent

HANOVER – Oil Creek Apollo Vicki is a tall, deeply-ribbed, nearly black registered Holstein. She's scored VG-85, freshened with a bull calf a few months ago, and is milking over 90 pounds each day.

"So what?" you say.

Consider this: Oil Creek Apollo Vicki will be 17 years old in November.

She's now milking in her thirteenth lactation, and has given birth to a total of seven bulls and six heifers. At her last breeding, Vicki settled on the first service.

For several years, she's earned the high lifetime fat award from DHIA in York County, and currently boasts total lifetime credits to date of 251,975 milk and 10,986 fat.

And she's continued her accomplishments in spite of undergoing a twisted stomach surgery several years ago, and the loss five years ago of one quarter.

No doubt about it. At the Med-O-Valley Farms, owned and operated by the Earl Fuhrman family, Vicki is the undisputed "queen" of the herd.

Sometimes she plays the part to the hilt.

Termed "headstrong" by the Fuhrmans, she's sometimes reluctant to step across the gutter. And if a herdmate happens to snatch her stall, Vicki will wait with regal patience until the spot is cleared of the upstart interloper.

"She's the fastest eater in the barn," chuckles Dale Fuhrman, who with his father, and brothers Doug and Kenton, maintains the 100-head milking herd, just east of Hanover. "Vicki can clean up a bucket of grain in half the time it takes most of the other cows. She eats an awful lot of grain — about 40 pounds a day."

This power-packed performer gets the same diet as her herdmates: a home-blended mix of shelled corn, roasted beans, 32-percent protein concentrate and minerals, plus corn silage and haylage. A ten-pound ration of hay is offered to Vicki every day.

One concession to the herd matriarch is box stall availability during herd loafing hours. Over the summer, she may occasionally join the herd in the pasture.

Vicki's impressive DHIA credits include six 305-day records over 20,000, and she's charted three 1,000-pound plus fat records. In her days of prime production, her tests averaged as high as 4.6 and 4.7 percent fat.

Offspring of Vicki's are strengthening her influence on the Med-O-Valley herd. Four of her daughters are currently in the cow and heifer strings, plus granddaughters coming on as well.

Fancy, by Elmsmith Marcus Mariner, recently wrapped up her third 305-day lactation with 21,066 milk, and 749 fat. Chloe, by Quality Edge Champion, a Glen Valley Star son, just completed her first lactation, with 18,937 milk, 596 fat, in 324 days.

And Arletta, a granddaughter, from one of Vicki's first daughters, has 305-day records over 24,500 milk and 930 fat.

Long-lived individuals are not all that unusual in the Fuhrman herd, although Vicki holds the record. A herdmate just a year younger was lost last year, after accumulating lifetime milk records to 230,000. Ten and twelve year old cows are fairly common within the herd.

Rolling herd average on the Fuhrman herd is at 17,300 milk, 600 fat. Because they favor well-grown cows with plenty of size and strength to meet their herd production goals, heifers are bred at about 18 months.

"We don't like to freshen them too small; our belief is that they develop better if they're well grown," explains Earl. "But we'll calve them at 24 months if they have the size and weight we want."

Baby calves go into individual hutches, then continue through five stages of groupings, also based on size and weights.

Matings are selected carefully, leaning toward bulls from dams and cow families with proven quality. Atlantic sires see heavy use here, along with some select young sires from their own top individuals — such as Vicki.

Bulk of the herd traces back to three registered Holstein purchases made by Earl when he joined his family cows on this home farm, in 1956. He and his wife Eleanor married that year, and purchased the three purebreds from Lancaster County breeder Elvin Hess, Sr. They were Wye Oak Lucifer Sam, a daughter of Admiral Lucifer, along with a daughter of Ty Vic, and one by Regal.

"They were good basic bloodlines for us, and produced 13,000 and 14,000 pound records back then," Fuhrman relates.

Since then, replacements have been primarily home-raised, with only scattered purchases "here and there."

Sons Dale and Doug and their families are part of the Med-O-Valley farm partnership. Kenton, the youngest, just recently completed his education and plays a major part in helping with the Fuhrman milking and cropping operations.

Is Oil Creek Apollo Vicki the oldest producing cow in York County? A long time DHIA lifetime fat winner for the Fuhrman family, she'll be 17 this November. With Vicki, from right, are Earl, Dale, Kenton, and Doug.

Earl and Eleanor Fuhrman treasure this cheesebox top painting of the Med-O-Valley herd favorite, Oil Creek Apollo Vicki. A gift from their son Dale's family, the painting was done by Mrs. Jason Yohe of Spring Grove.

FmHA Seeks Committee Nominees for York Co.

YORK – Eligible farmers in York County are invited to become nominees for the Farmers Home Administration (FmHA) county committee, FmHA County Supervisor, Douglas J. Gabel announced recently.

As a result of the 1985 Farm Bill, two of the three members of FmHA county committees must be elected. The third member is designated by FmHA. The York county committee assists the FmHA county office in determining the eligibility of applicants for certain types of FmHA loans.

Generally, farmers who are residents of the county but not FmHA borrowers are eligible to become nominees for the FmHA county committee.

"Farmers in this county, serving on the committee, play an important role by assisting in the process of loan applications and reviews," said Gabel.

For this first election only, two members will be elected at the same time. One member will be elected for a term of one year, and one number will be elected for a two year term. In the future, all terms of service will be for three years each on a staggered basis.

Nominating petitions must be returned to the FmHA York county office by June 16, 1986.

Additional information and application forms for those who are interested in becoming nominees for the county committee are available at the FmHA county office, 124 Pleasant Acres Road, York, Pa. 17402, or by calling 717-757-7635.

Ice cream and ice milk may be kept up to two months if stored at 0°F or below. A tightly closed carton prevents drying, shrinking and the formation of ice crystals. It may be over-wrapped with foil or plastic for storage of more than a few days. After the carton has been partially used, the surface of the ice cream should be covered with protective wrap, the kind that molds to the ice cream itself.

York Mall Promotion

Jill Zimmicky was one of hundreds of York Mall visitors who stopped to pet calves during the June 7 Dairy Day at the Mall. Shoppers also devoured nearly 3000 free ice cream cones, nibbled cheese and sipped milk samples. The annual event was sponsored by the York area Young Dairymen chapter, Middle Atlantic Division of Dairymen, Inc.

Good Haylage Results from Proper Conditioning

NEW HOLLAND — Conditioning is especially important for good haylage results, says Joe Weicksel of New Holland Inc. When it's excessive you increase field losses. Underconditioning is undesirable because it will increase the time the crop is at risk to rain damage unless you chop it at higher than desirable moisture contents.

Flail-type conditioners that work in grass are usually too aggressive for alfalfa and clover, says Weicksel, because of the larger leaf loss they cause. Rubber faced roll-type conditioners were designed for alfalfa and are still the most effective for the crop, he notes.

Farmers are making much better haylage now than just a few years ago, says Weicksel, who is product manager for hay tools at New Holland. 'It's a matter of having better information all the way from growing the crop to feeding it, he adds. This is largely due to the practical research of dairy scientists, agronomists and engineers who've been working on the problem for over 20 years.

But farmers' cut-and-try experience has been important. Farmers, for example, have figured out how to use tedders designed for grass crops in legumes without destroying the leaves. Plant moisture content at the time of tedding is the key. You have to do it before the leaves are dry enough to break off.

Agronomists have figured out how to improve yields and keep stands productive longer. Through forage testing we've learned to cut alfalfa for the bud stage before flowers appear to get the best protein and feed quality.

Conditioning is an important part of the haylage process. It's important to use enough roll preasure to have the plant stems bruised every few inches but not enough to break the leaves loose from the plant stems.

The leaves should be fastened on the stem when the plant goes through the conditioner. Losses will be excessive, otherwise. Drying will be more uniform when the plant is neither over or under-conditioned. This is important for fermentation in the silo.

The moisture content seems to be more important than we thought a few years ago. The natural moisture inside the plant seems to support a more desirable fermentation than water you might add externally if the crop gets too dry in the windrow. Waiting for the dew to remoisten the leaves in the evening when haylage has gotten too dry isn't fully satisfactory.

When the hay has gotten too dry in the windrow for good haylage it is probably better to bale it for hay, says Weicksel.

The most favored moisture content ranges are 45 to 65 percent. When the crop dries under 45 percent moisture, or exceeds 55 percent dry matter, baling for hay is probably advisable instead of chopping for the silo.

When the crop is that dry, it won't require many more hours to reach baling moisture content. If preservatives are used, it can be baled sooner.

Generally, moisture contents can be a bit higher if you store haylage in a conventional silo. And perhaps a bit lower if you use sealed, or oxygen-limiting silos. Large diameter silos and wide, deep bunkers may benefit from slightly wetter material because heat of the fermentation process has to be conducted to the outside before the silage cools down to ambient temperature.

Managing the cutting and conditioning for chopping in a narrow moisture range isn't a problem if you adjust the windrow shields for varying width swaths or windrows. By depositing the crop in a wide swath at the start, you speed up the wilting process so you can start chopping sooner. Then if you narrow the windrows as mowing progresses you will slow the wilting so those windrows won't be too dry before you can get to them with the harvester.

Rake management also deserves careful thought, according to Weicksel. Those first passes around the field that were deposited in a wide swath for quicker wilting will need raking before chopping to narrow them enough for the windrow pickup of the forage harvester. But raking should be minimized to reduce leaf loss.

Raking within about a day and a half after a rain is advised if rain stalls your haylage operation. Rain on scarcely wilted windrows doesn't damage the crop as much as rain on nearly dried crop, Weicksel points out. But windrows should be turned to prevent the start of mold growth on the bottom of the windrow.

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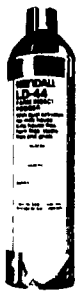

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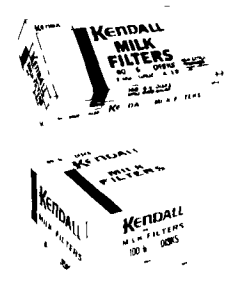

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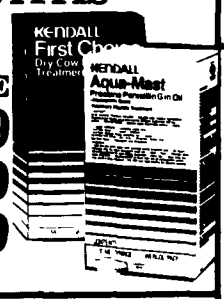

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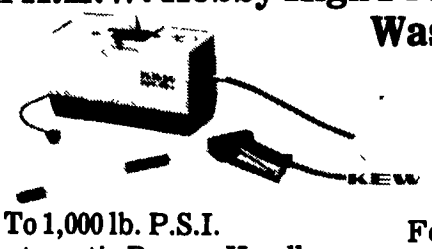

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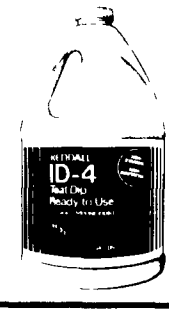

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Water, Water Everywhere...

(Continued from Page A1)

moisture content and air temperature. That translates to about 24 gallons, or 200 pounds a day.

Not only do cows need water in wholesale quantities, but the quality has to be there, as well. And though a dairy cow may turn up her nose at water that has an unusual taste or smell, she has other more serious ways of communicating her dissatisfaction with the watering hole; lower milk production, breeding problems and abortions, to name a few.

According to Penn State extension dairy specialist Richard Adams, researchers began to pay attention to water quality during the early 1970's, when other factors failed to explain health problems in some dairy herds. "We found that the herds that were free of health and reproductive problems all had good water," says Adams.

If a herd isn't performing up to its potential, the specialist urges farmers to look at other variables, such as ration, herd management and disease problems first. Water-related problems simply aren't that common, he says. Of the more than 200 farms that his department investigates annually, says Adams, only about 10 to 15 percent have problems related to water quality.

Strasburg dairyman John Good adjusts the valves on his sulfate tank. Two taller tanks in the foreground remove nitrates.

Water problems are often regionally related, says Adams. Heavily mined areas, for example, may have highly acidic or alkaline water. The water in the extreme southeastern portion of the state is noted for its acidity, and the southeast in general has comparatively high nitrate levels.

Dr. Richard Croyle is more than a little familiar with water quality problems in southeastern Pennsylvania. "We've got a blockbuster situation here," says Croyle, the owner of Biometrics, a commercial water and soil testing laboratory near Quarryville. Certified by both EPA and DER for water analysis, Croyle and his wife Nancy, a microbiologist, test water from some 300 dairy operations annually.

Biometrics tests water primarily from Lancaster, York and Chester Counties, where increasing livestock densities and residential development are creating water quality problems. Although other factors, such as pH and sulfate levels, can impact on dairy herds, Croyle says that bacteria and nitrates are easily the two most common culprits.

Many types of bacteria may be implicated in water-related problems, but the most common ones are the coliforms, of which

Dr. Richard Croyle, of Biometrics, tests a dairy farm water sample. Testing some 300 samples from dairy herds annually has convinced Croyle that bacteria and nitrate contamination is on the increase in southeastern Pennsylvania.

Escherichia coli is the best-known species. Croyle points out that, while coliforms inhabit all warm-blooded animals, certain strains can be pathogenic.

Bacterial pollution can lower milk production by as much as 10 to 15 percent and can impede the overall performance of first-calf heifers, says Croyle. The level of coliform bacteria in water is normally expressed in colony forming units, one colony being a growth of bacteria visible to the unaided eye and composed of millions of individual bacteria. "When we find one CFU we say it (water) is inadvisable for human consumption," says the biochemist. "I would try to get rid of it for the cows, too. Who's to say that the source of pollution can't contribute more than one?"

Like bacteria, excess nitrate levels can be traced to septic systems or animal manure, but industrial wastes are also a possible source, says Croyle. Highly mobile when converted to nitrate form in soil, excess nitrogen moves easily into groundwater supplies.

Excessive nitrate levels may disrupt a cow's breeding cycle, as well as increase a herd's abortion rate. Breeding problems may arise as well, with cows failing to settle after numerous services.

The confusion that seems to surround just what is an acceptable nitrate level for dairy herds is compounded by the fact that nitrate levels can be expressed in two ways. The conventional way of expressing nitrate levels in water is in parts per million of nitrate nitrogen (NO^3—N). On this scale, the maximum nitrate concentration for human consumption is 10 ppm. Using the nitrate ion concentration scale (NO^{3-}), however, drinking water levels should not exceed 45 ppm.

Just what level of nitrates can a dairy herd tolerate? Richard Croyle says that problems may begin cropping up at 25 to 50 ppm on the nitrate nitrogen scale.

To be sure, not all dairymen will experience difficulties at these nitrate levels, but Strasburg's John Good was one who did. Good, who milks 50 to 60 Holsteins, detected a slow deterioration in herd health as well as milk production during the early 1980s.

(Turn to Page A39)

Nature Can Cause Water Problems

BY JACK HUBLEY

While bacteria and nitrates occupy center stage in the water quality drama, dairymen can't afford to ignore two potential villains waiting in the wings, says Dennis Martin.

Martin, who owns Martin Water Conditioning Company, operating out of Lebanon and Lancaster, says that sulfates and pH level can definitely stifle herd performance.

Since he began focusing on farm water treatment about 10 years ago, Martin has tested nearly 1,000 farm water supplies throughout Pennsylvania and contiguous states.

"Sulfates are definitely a problem in Lancaster County, as well as in other areas of Pennsylvania," he says. Sulfates are negatively charged ions that tie up selenium, vitamin E and copper, making them unavailable to the cow. Unlike nitrates, though, they occur naturally in the minerals gypsum and pyrite.

What high sulfate concentrations do best, according to Martin, is lower milk production. "We've seen herds drop to one-half of their expected production because of high sulfate," he maintains.

He recalls the case of eight dairymen who moved from Pennsylvania, where sulfate levels were less than 100 parts per million, to an area in Ohio where the level was 1,500 ppm. "Herds that were milking 50 pounds a day fell to 30 pounds," he remembers.

We probably treat one sulfate job for every 10 nitrate jobs that we do," Martin estimates, adding that his firm recommends treatment when levels exceed 100 ppm. Removing sulfates is accomplished through an anion exchange system similar to those used for nitrates, he explains.

One of the most commonly overlooked influences on herd performance is pH, Martin emphasizes. "A low pH water (acidic) is an aggressive water that will dissolve copper and galvanized plumbing," he cautions, adding that metals leaching into drinking water can be toxic. In addition, he says, an acidic water lowers the pH of a cow's rumen, which can lead to inefficient utilization of feeds.

Dennis Martin, owner of Martin Water Conditioning, displays a battery of beakers filled with filtering resins used to combat water quality problem. Behind them is ultraviolet water sterilizer used to kill bacteria.

Although a high pH won't affect plumbing, it can influence milk production, says the expert.

Martin considers a pH of 6.5 to 7.5 to be acceptable for herd health. To raise the pH of acidic water he installs a neutralizing tank. Lowering pH is a more difficult--and expensive--process, involving the injection of acidic material into the water. About three out of every 10 farms that the firm tests do not have what they consider to be an ideal pH for livestock.

Coliform problems turn up in from 20 to 40 percent of the farms that Martin tests. Treatment can involve chlorination, ultraviolet light, or, in the case of farms without electricity, an iodine system.

Bacteria and nitrate problems seem to turn up in about equal measure in Lancaster County, says Martin. He recommends nitrate removal when levels in water to be consumed by breeding stock exceed 10 ppm. Non-breeding livestock can safely tolerate levels of 20 ppm.

Martin's firm removes nitrates with an anion exchange column containing three to four filtering materials that simultaneously adjust pH. This latter step is important, he emphasizes, since the resins used to remove nitrates also lower the pH of the water by removing bicarbonates. "So it's important to consider pH when installing a nitrate or sulfate system," he points out.

The cost of treating water varies greatly according to the nature of the contaminates. Martin estimates the average cost of an ultraviolet system for bacteria treatment at $600 to $700, while pH treatment can run $10 to $30 per milking cow, depending on which direction the pH must be adjusted.

Sulfate systems run from $22 to $40 per milking cow, while nitrate removal will cost from $30 to $50, depending on the severity of the problem. To calculate annual maintenance costs on any of the above treatments, a good rule of thumb is to figure on spending about 10 percent of the initial installation cost yearly, says Martin.

But regardless of what system a farmer may require, Martin's advice is to get a second, and possibly a third, opinion on what equipment is needed. Shopping with dealers certified by a national organization known as the Water Quality Association isn't a bad idea, he concludes.

In addition to making consumption difficult to monitor, giving cows access to to streams can increase exposure to chemicals, nitrates and disease-causing agents.

Bo-View sale top $2400

A capacity crowd at Warren Bollinger's Bo-View Farm complete milking herd dispersal last Friday night saw Bo-View Eric Ann (in the ring) top the sale at $2,400. Purchased by Kirby Horst, Newmanstown, at the Smoketown Quality Dairy Sales Barn in Smoketown, this 83 pt. two-year-old was projected for 305 days at nearly 19,000 pounds of milk. The dam was an 88 pt. four-year-old with a record of 21,913 milk, and 873 fat in 365 days.

David and Daniel Groff, Lebanon, bought the second high entry for $1,750. Bo-View lewelmaker Pam the just fresh three-year-old had finished a record of 2y 15,028 milk, 3.8%, 570 fat.

Horst also bought an 82 point three-year-old with 19,620 milk, 692 fat for $1,700 and an 83 point three-year-old with 18,514 milk and 584 fat in 292 days for $1,675.

J. Kenneth Miller, Manheim, purchased Lynncrest Sunshine ET for $1,685. The Sunshine cow was milking over 100 lbs. of milk per day after making 19,360 milk as a two-year-old and 21,055 milk as a three-year-old.

A total of 58 cows averaged $1,224. The sale was managed by Gordon and Hellen Fritz. Working the sale: (left to right) Carl Diller, Fritz, Henry Kettering, Pedigrees and John Stauffer, Auctioneer.

USDA Buyout Report

WASHINGTON, D.C. — The fourth weekly report on the buyout was released by the USDA on Wednesday.

USDA figures show an estimated 31,500 head of cattle in the program were slaughtered during the week ending May 24. This figure includes all cows, heifers and calves in the DTP, according to the USDA spokesman.

An estimated cumulative total of 397,900 head have been slaughtered since the beginning of the DTP on April 1.

Meat purchases by the government reached 29.9 million pounds for the week ending June 7. This meat was purchased in the form of 5.9 million pounds of canned beef, 22,954,500 pounds of bulk-frozen ground beef, and 988,000 pounds of choice beef roasts.

The cumulative total meat purchases is 120,876,828 pounds.

Cumulative number of dairy cows that were reported for export since April 1, totaled 8,241 head. This total is expected to increase as foreign countries are preparing to take advantage of the Export Enhancement program.

Dairymen who requested a change in their buyout period received notification of acceptance or rejection of their proposal yesterday. Preliminary figures indicate a minimal number of participants have requested a change in their buyout period, according to a ACSC spokesman in Harrisburg.

Uncompleted contracts remain in a holding pattern until congress approves a supplemental funding bill for CCC. No date was given when this bill can be expected.

FmHA To Aid In Rural Housing

BAKERSFIELD, Calif. — The U.S. Department of Agriculture's Farmers Home Administration has begun accepting applications for grants to help repair and rehabilitate homes for very-low and low-income rural homeowners, FmHA Administrator Vance L. Clark said today.

Applications will be accepted beginning June 12 until July 28 from qualified public and private nonprofit organizations for grants totaling more than $19 million.

Clark said applicants must demonstrate a need for home repair and rehabilitation in the area to be served; an acceptable plan for selecting the individual recipients and assuring the qualify of work performed; support for the program by the local government of the area to be served; and sources of additional support, if any, to supplement the grant funds.

Clark said the Agency anticipates awarding about 100 grants before the end of September.

Yogurt will maintain its peak flavor for at least 10 days after the expiration date on the package if stored at 40°F or less. "Heat treated" yogurt will keep even longer.

Sour cream should be stored, covered, in the refrigerator at 40°F or below. Dairy sour cream will hold its peak freshness for several days after purchase, and total keeping time is about four weeks.

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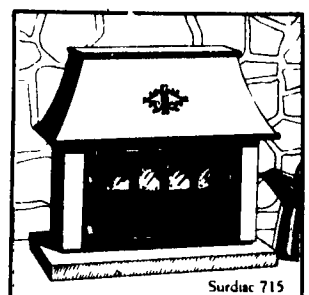

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Victory Acres Swiss Prospers With 'Simple Management'

BY ROBIN PHILLIPS
Berks County Correspondent

BERNVILLE — Pennsylvania Brown Swiss breeders will be able to view grand champions, high producers and strong maternal lines in the registered Brown Swiss herd of Dean and Brenda Daubert, RD 1, Bernville.

Brown Swiss breeders will meet at the farm next Saturday for the annual State Brown Swiss Breeders Picnic.

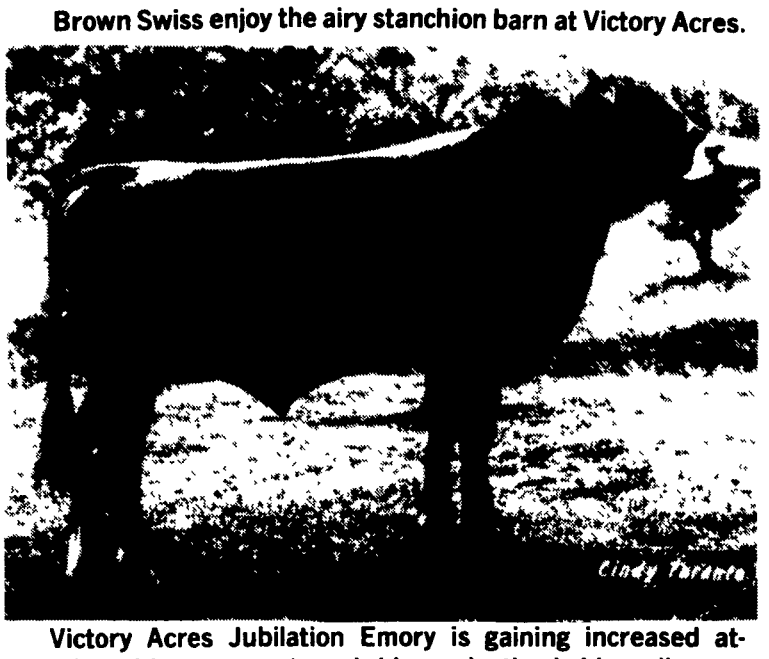
This is the first time the two-year-old Victory Acres Brown Swiss Farm hosts the state picnic. With the highest producing Brown Swiss herd in the state, the Dauberts are preparing to show their visitors how their simple management practices can make a difference with profitable Brown Swiss.

When asked how his herd achieved 17,729 pounds milk and 3.8 percent fat, with 669 pounds fat and a 3.5 percent protein, Dean Daubert summed up his management secret with, "Give the cows more attention".

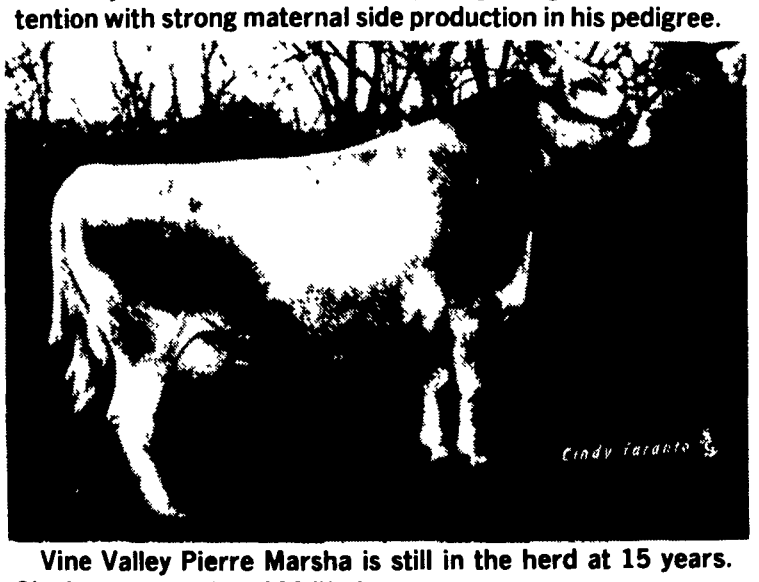
This secret has increased the herd average over 3,000 pounds and resulted in a host of 20,000 pounds plus producers over the last two years.

"Sick cows are treated quickly," Daubert notes as he explains his management secret, "and the feeding schedule is all day; also little things make a big difference."

Brown Swiss enjoy the airy stanchion barn at Victory Acres.



Victory Acres Jubilation Emory is gaining increased attention with strong maternal side production in his pedigree.



Vine Valley Pierre Marsha is still in the herd at 15 years. She boasts over 204,000 lifetime.

The 36 milking cows are fed alfalfa hay, corn silage, and a pelleted complete feed in a TMR formula. The hay is fed four to five times a day before and after the grain feeding.

"People say that Brown Swiss two-year olds don't milk," Daubert relates. "But it's management," he repeats. "If you grow your heifers out good, they will milk," he states.

Victory Acres' cows relax on mats bedded with sawdust in an airy stanchion barn. Crates on the gutters prevent wasted bedding and floor level feed areas are cleaned daily. A combination of equipment from several milking machine companies compose pipeline milking system is use by the Dauberts.

Calves are raised in hutches and weaned at three months of age. "Heifers get whatever it takes to keep them growing," Daubert states.

"I do not have the field work others have," he confesses. "The rented farm consists of 35 acres of tillable land that is custom farmed." This enables Daubert to spend more time in the barn.

Daubert believes that the Brown Swiss breed is expanding. "We're even switching some of our friends from Holstein to Brown Swiss," Brenda comments.

"They have heat resistance," Daubert states. "That single factor makes the export factor to South American real good," he adds. Several Victory Acres Swiss have been exported to South America as well as other countries and states.

Daubert also tells that the protein and butterfat content of Swiss milk is leading to extra premiums for dairymen in some areas of the country.

He also adds that Brown Swiss hold up longer. "They generally have better feet and legs and a stronger bone," he reasons. He points to Emerald, an 89 point, young looking, 10-year-old producing over 20,000 pounds with a 4.3 percent test. Then there is also Marsha now 15 years old with over 24,000 pounds and a 3.7 percent test adding to over 204,000 pounds lifetime.

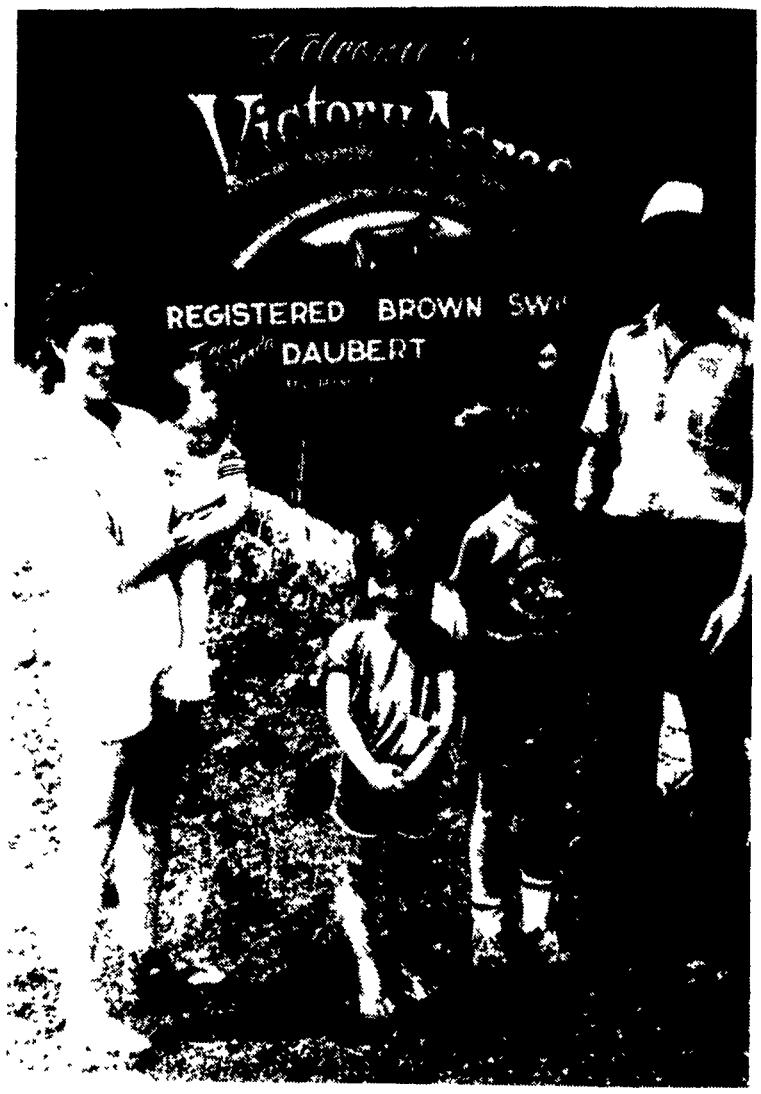
Currently gaining some attention abroad as well as in the state is Victory Acres Jubilation Emory, a young bull bred by Daubert. All-American senior bull calf in 1985, Emory's pedigree features a strong maternal line with four generations of very good or excellent producers of 20,000 pounds plus. Taurus Service is handling semen, and Daubert has high hopes that the bull can improve the breed.

Daubert is adamant about using young sample sires to gain genetic advancement in the breed. "I look for strong maternal pedigrees," he states, "I can't see using a 20-year-old bull when I can use a good son out of a strong maternal line. It's the only way to go."

"Indexes don't pay my bills. Good cows do," he continues. "I could really blow the theory of these high PD bulls," Daubert relates as he recites the high records of his typey stock.

Daubert's Swiss have the type to go with their production. Showing at the Farm Show and the All-American each year, Daubert has several grand champions including the grand champion of the 1985 Farm Show. Daubert's animals have also commanded top prices in several state sales in the east.

Daubert appreciates the help of his family from Windmill Acres, Pine Grove, whenever he needs them. His oldest son, Jeremy, age 7, also gets up each morning to help his father with the chores. Daughter Lauren, 4, and son Jared, 9 months, keep their mother busy.



The Daubert family includes (from left) Brenda, Jared, Lauren, Jeremy and Dean.

The young dairyman relates that he would like to achieve a 20,000 pound milk and 800 pounds fat herd average one day and looks forward to challenging his stock to reach this level. He would also like to see AI units look more towards maternal lines that transmit the type and production to improve the breed instead of relying heavily upon "numbers". Daubert adds, smiling, that he would like to breed a "couple All-Americans".

An avid Brown Swiss advertiser, this breeder will feature the strong maternal lines in his stock and his simple management next weekend, June 21, at his farm just outside of New Scheafferstown. All Brown Swiss enthusiasts are invited to Victory Acres and witness their results.

July Milk Set at $14.01

ALEXANDRIA, Va. — Middle Atlantic Order Market Administrator Joseph D. Shine today announced a Class I milk price of $14.01 per hundredweight for July 1986. This price is unchanged from June and is 23 cents below last July's Class I price.

Mr. Shine announced a Class II milk price of $10.88 per hundredweight for May 1986 and a butterfat differential of 16.0 cents for the month. The Class II price was down 3 cents from the previous month, while the butterfat differential remained unchanged.

The July 1986 Class I price and the May 1986 Class II price are based on the May 1986 Minnesota-Wisconsin manufacturing milk price of $10.88 per hundredweight at a 3.5 percent butterfat content.

The USDA reported that the wholesale price of Grade A butter at Chicago for May was $1.3875 per pound and the nonfat dry milk price was $.8081 per pound, f.o.b. plants in the Chicago area.

Berks Correspondent Robin Phillips

Robin Phillips loves a good dairy cow. In particular she enjoys her herd of 45 registered Jerseys along the Bernville Road, one mile outside of Centerport.

Irish Creek Jerseys was started in 1978 by Robin and David Phillips. When David went back to heavy equipment operating a year ago, Robin assumed full responsibility of the dairy herd. She juggles these chores with writing for Lancaster Farming for the past three years and working part-time as a veterinary aid for Dr. Robert C. Dreisbach, Hamburg, a position she has held off and on for the past 14 years.

Her husband David remains a financial advisor and crop manager for the herd they have developed to over 12,500 pounds milk with a 4.9 percent test. Irish Creek breeding stock is in several A.I. units and states across the nation.

In her day-to-day schedule, Robin really appreciates the help of her mother Deloris as calf feeder, cook, and baby sitter.

Robin enjoys spending time with her daughters, Amy age 9, and Laura age 6, horseback riding, bicycling, swimming and working with their calves. The girls are also beginning to help Mom in the barn.

Robin Phillips

Robin and her husband are members of the American Jersey Cattle Club and The Pennsylvania Jersey Cattle Club. Robin serves as a 4-H leader of the Northern Berks Dairy 4-H Club, a member of the Hamburg Vocational Agricultural Advisory Board, a member of the newly forming Pennsylvania Young Jersey Sire Proving Group and a Sunday school teacher at Belmans Union Church for the past 10 years.

Her hobbies and favorite things are too numerous to mention. But you can usually find her at many of the Berks county dairy events and shows.

Smile...And Say Cheese!

Lancaster County Commissioner, James Huber, (right) was on hand at Park City on June 7 to help County Dairy Princess Janae Martin dole out 1,500 servings from a 125-foot cheese sandwich. The submarine-size sub was part of the county Dairy Promotion Committee's Dairy Month activities. Assembled by Stauffer's of Kissel Hill, the sandwich contained 80 pounds of cheese, 25 pounds of tomatoes, gallons of ketchup and mustard and pickles and onions by the pound.

Following his address stressing the importance of the dairy industry to Lancaster County, Huber took the first bite . . . Mmmm, good! (Photo by Sally Bair)

Eastern Producer Receive Dividend

SYRACUSE, NY – Eastern Milk Producers announced today a patronage refund to its members for the fiscal year which ended March 31, 1986.

Earl R. Fowood, president of the 4,000 member dairy cooperative, cited record profits which enabled the organization to return the dividend or "13th milk check" to its members. A total of one and one half cents per cwt will be returned to member dairy farmers for milk shipped during the 85-86 fiscal year.

In a related matter, General Manager, Michael H. Donovan, announced a total of more than $214,000 paid by the cooperative in the form of equity redemptions to members during the 85-86 fiscal year.

"Two Hundred and Eighty Six (286) farmers who have either retired or left dairy farming shared in the record equity redemption", said Donovan in commenting on the Cooperative's year end financial condition.

Over half a million dollars are represented by these two transactions. "This is just another indication of the financial strength of the organization", added Donovan.

Eastern Milk Producers is the largest milk marketing cooperative in the Northeast operating in states from Vermont to Delaware.

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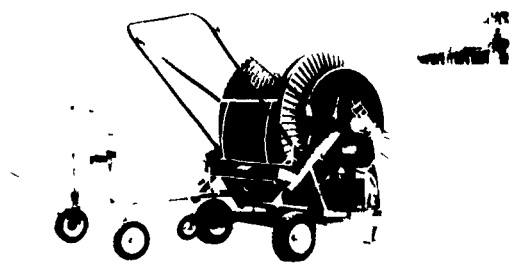

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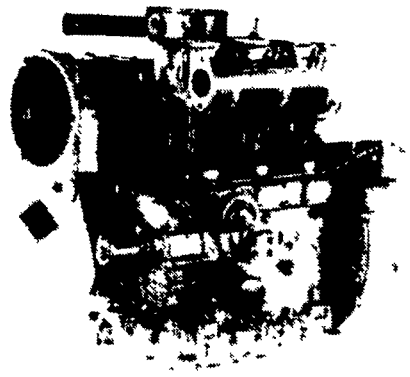

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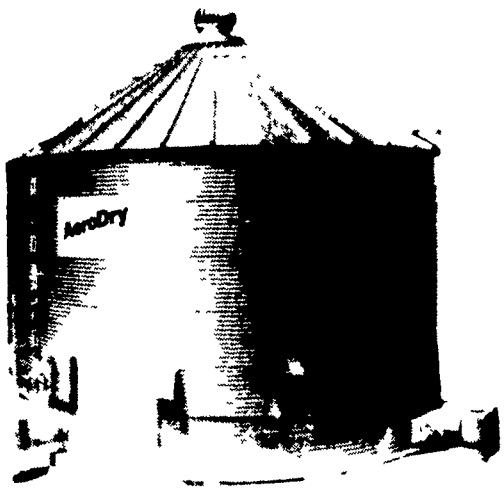

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Ice Cream Bash Planned for Harrisburg

HARRISBURG – Pennsylvania dairy farmers will put on the biggest bash in town Tuesday, June 24, with a noon hour ice cream party on the steps of the Main Capitol Building.

"We're kicking off our 'Summer Love' ice cream campaign and everybody's invited to join in the free fun," according to Don Duncan, Chairman of the sponsoring Pennsylvania Dairy Promotion Program.

Local dairy princesses, wearing 'Summer Love' aprons will serve up the first scoop of ice cream at 11 a.m. to the accompaniment of a Dixieland band. Festivities continue until 2 p.m.

"Summer Love Sundae Tuesday" features make-your-own sundaes made from ice cream and toppings donated by Pennsylvania ice cream manufacturers, Duncan added.

State representatives have joined in the occasion by drafting a special proclamation, while Governor Dick Thornburgh has proclaimed July Ice Cream Month in Pennsylvania.

"This is the biggest ice cream promotion ever launched in Pennsylvania," the board chairman explained. "Billboards and media ads across the state are already featuring giant ice cream cones with the 'Summer Love' logos. Local dairy princesses also are selling 'Summer Love' hats, T-shirts, aprons and glass milk pitchers.

"During July Ice Cream Month, we will be giving away free ice cream parties each week to listeners of selected radio stations in the Philadelphia, Harrisburg-York, Pittsburgh, Wilkes Barre-Scranton, Reading, Lancaster, Williamsport, Altoona, Johnstown, and Erie areas," he noted.

Dairying is the largest agricultural enterprise in Pennsylvania with 14,000 dairymen and 565 milk dealers, distributors, and processors contributing to the $3 billion industry. The Keystone state ranks second among states in ice cream manufacturing and fifth in milk production.

"No taxpayers' money will be used to pay for the June 24 event or other ice cream promotions," Duncan emphasized. The Pennsylvania Dairy Promotion Program is financed by contributions from 4,000 participating state dairymen.

How To Win An Ice Cream Party

Disc jockeys on 10 Pennsylvania radio stations will ask listeners during July to tell why they are ice cream lovers in 25 words or less. Postcards will be mailed to local stations.

Each week winners will be given free ice cream parties for up to 12 guests, compliments of Pennsylvania Dairy Promotion Program and ice cream manufacturers. Local dairy princesses will serve as hostesses.

For all the details, tune in one of these stations: KDKA-AM, Pittsburgh; WMGK-FM, Philadelphia; WCCK-FM, Erie; WFBG-FM, Altoona; WKYE-Johnstown; WFRY-FM, Reading; WNNK-FM, Harrisburg/York; WRKZ-FM, Lancaster; WILQ-FM, Williamsport; and WARM-AM, Wilkes-Barre/Scranton.

Goat Association to Meet

HONESDALE – The Pennsylvania Mountains Dairy Goat Association will meet Saturday, June 28, 1:00 p.m. at the Grace Episcopal Church, Honesdale.

The speaker will be Dr. Richard Dubensky, veterinarian from Milford, Pa. He will discuss various aspects of dairy goat health.

All members of the association as well as other interested persons are encouraged to attend.

Additional information about the association can be secured by contacting Anita Stiles, secretary, R.D. #5, Box 5814, Lake Ariel, PA 18436 (717-698-9229).

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The Joys of Being A Farmer Boy

Editor's Note:
Here's the final installment of this six part series. THE JOYS OF BEING A FARMER BOY written by Daniel Luke Fisher, an Amish boy from Franklin County has given many of us a chance to remember our own experiences of early life on the farm.

When you get home from school you don't know what to expect around here.

Like the other week, we were home from school awhile, when I saw one of my brother Stevie's year and a half old Belgian colts were out in the yard grazing peacefully.

I scared it and it ran up behind the barn. My nine year old Brother, Samuel and I went back of the barn after it.

I chased Bobby (That's the colt's name) and he ran over the Hog House where Steve built a stall for them.

Then we saw that Bobby's mate, Judy was loose in the Hog House eating feed.

We chased Bobby in the pen.

Then we tried to get Judy in. She started down the ailse between the Hog pens and the wall. That aisle is pretty narrow and she's so big that we couldn't turn her around so we tried backing her out.

She backed back to the feed bin. Then she bumped in it and didn't trust going farther, so we tried to have her go forward.

We got her pretty far when suddenly she didn't do it to move.

There was a door near her that led out to the hog lot. We opened it and tried to get her going, finally she went out the door.

We turned her around in the hog lot. Then we tried to get her in forwards so she could see where she's going. But she didn't do it to come in the door again.

I had to stand at the door and try to keep the pigs outside while Matthew and Samuel were trying to get Judy persuaded to come inside. At least 8 sows managed to get in while I was guarding the door waiting for Judy to come in.

The pigs would run over to the feed box and gobble the feed up 'till I came around and chased them out with my B-B gun.

Meanwhile Matthew and Samuel were trying to get Judy in the door, all she did was run back and forth right past the door.

She really gave Matthew and Samuel a chase in circles.

One time Judy was running toward Samuel, he climbed on a gate and lost his balance. SPLASH! He fell right in a dirty pig water puddle.

Matthew finally got the bright idea to open the gate in the hog lot out to the heifer meadow. So we did that. She ran out in the meadow. Then we opened the gate that leads to the hog house from the meadow.

She went in the hog house and of course right past her pen. "Whew!" I didn't know if we'd have to go through the whole same performance.

But this time she was in a different wider aisle.

Matthew went up ahead of her and backed her back a little, and she went in her pen as nice as could be!

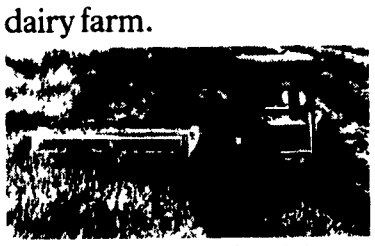
We quickly closed the gate of her stall.

-By Daniel Luke Fisher

Susan Akin, Miss America 1986, says her favorite pig-out food is apple pie and ice cream.

HOW TO MILK A KUBOTA.

A Kubota tractor can do a whole herd of chores on a dairy farm.



Out in the hayfield, it can plow, till, mow and bale. Apply fertilizer or pesticide. Help repair an old fence.

Back in the barnyard, it can haul feed from the silo to the trough at mealtime. Then clean out the corrals.

In fact, it can do almost everything except milk the cows. Because it's loaded with hardworking features.

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Or choose a model with more advanced features. For example, a 5-cylinder direct injection diesel engine. It's fuel-efficient. It runs more smoothly than a 4-cylinder engine. And more quietly. That can help reduce both operator fatigue and noise-related stress on the cows.

Of course, any Kubota tractor works hardest with implements also designed and built by Kubota. The quick-attach front loader on the L4150DT you see here is a perfect example.

A Kubota dealer can show you all of our tractors. You have more than 15 different choices from 23.5 hp to 85 PTO hp. One should be just about custom-made for your needs.

So start imagining all the chores a Kubota could do around your place. There's really only one thing it won't do. Head for the barn before the work is done.

KUBOTA
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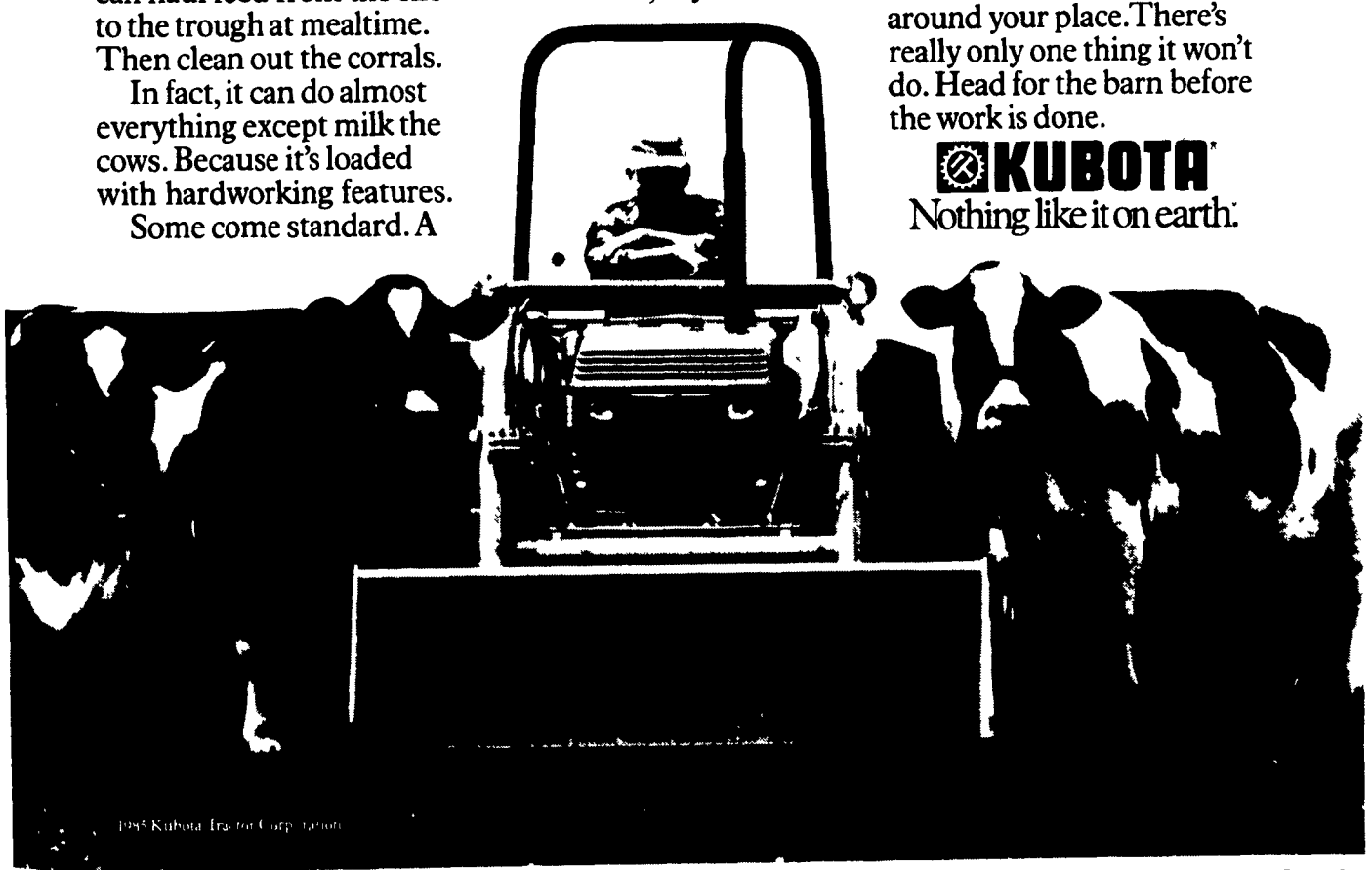

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York Farm Tour Slated

BY JOYCE BUPP
York County Correspondent

WELLSVILLE — Three Washington Township farm operations are gearing up to host hundreds of urban visitors June 21, as part of the annual York Farmers Association Farm Tour.

The traditional hay ride which participants have come to expect will take visitors to see a country butcher shop, fruit and vegetable production operation, and a dairy farm.

Other farm tour planned attractions include a petting zoo, sheep shearing, and farm food and crafts.

Headquarters for the tour, which runs from 10 a.m. through 4 p.m., is at Anderson's Meat Market, located on the Wellsville-Kralltown Road. From there, wagons will make stops at the Harold and Evelyn Nelson fruit and vegetable operation and the Ralph and Ada McGregor dairy farm.

John and Viola Anderson own and operate the family's farm and butchering business, just west of Wellsville. As a youngster, Anderson had often accompanied his father, C.H. Anderson, as he supervised butchering for neighbors and friends.

In 1958, his goal of retailing through his own shop was reached, when Anderson's Quality Meat Market opened on the farm. A noted specialty of the market is scrapple still made by "Grandpa" C.H. Anderson's recipe, while another customer favorite is the all-beef, homemade bologna.

About 20 head each of hogs and cattle are utilized by the market weekly, including Hereford and Holstein cattle fattened on the farm. In addition to the feedlot cattle, the farm produces corn, wheat, oats and mixed hay on the 143 owned and 80 rented acres.

Sons Jimmie and Charles, daughter Barbara and her husband, and five grandchildren all assist in running the Anderson farm and retail market. A third son, John, Jr., was killed in Vietnam in May, 1968.

Roadside marketing of fruits and vegetables, plus the retailing of beef by halves and quarters, keeps Harold and Evelyn Nelson busy year-round at their 35 acres on Wellsville Road.

This three-generation farm was purchased in 1907, by Joseph Nelson. He in turn sold in 1929 to his son George, who at 80 years of age still helps part time.

Pick-your-own strawberries and raspberries are early summer headliners, with cantaloupe production taking over in August. Greenhouse seeding of their own plants gives the Nelsons a head start on cantaloupe plantings, as well as tomatoes, peppers, cabbage, sweet potatoes and lima beans.

Two of the Nelsons six children are still at home on the farm, sixth-grader Jodi and first-grader Gregory.

Ralph and Ada McGregor milk a herd of 200 Holsteins at their McRal dairy farm on Bentz Mill Road. They purchased their original 119 acre farm in 1965, and milked a herd of 48 cows. A new free-stall facility was built in 1972 and 185 acres added with land purchases in 1976 and 1982.

Corn, hay, barley and oats are grown on the owned, plus 300 rented, acreage, and utilized as feed for the dairy herd, 180 replacement heifers and 30 steers.

The McGregor's five daughters are all involved in the dairy operation. Ila is a teacher, Jill has a degree in Dairy Science, and Mira, Lin and Kae attend Dover Area Schools.

Milk produced at McRal is marketed through Interstate Milk Producers Cooperative, and McGregor is president of the co-op's local district.

PAFC Announces Conference

HARRISBURG — The Pennsylvania Association of Farmer Cooperatives is holding its 13th annual PAFC Couples Conference July 16-18 at the Sheraton in Danville.

"Cooperatives: A Bridge To Your Future" is the theme for the three-day event, which reaches approximately 45 couples each year.

The educational program is designed to increase cooperative understanding by "exposing couples to their peers as well as representatives of their cooperatives, such as directors, management and staff," commented PAFC Executive Secretary Kathy E. Gill.

Five couples serve on the program planning committee. "The program obtains much of its direction from input derived from these past participants," Gill said.

For the 1986 program, these include Eric and Dixie Coolidge of Wellsboro; Brian and Janet Beckman of Harbor Creek; David and Barbara Kehr of Littlestown; Roy and Sue Crow of Kennedyville, Md.; and Daryl and Linda Heisey of Rexville, NY.

Registration for the conference is $285 per couple and covers the cost of hotel, meals and conference materials. For registration information, contact PAFC, P.O. Box 12107, Harrisburg, PA 17108-2107, 717-232-7232.

The Pennsylvania Association of Farmer Cooperatives is a trade association representing more than 40 agricultural cooperatives that operate in the Commonwealth. More than 200,000 owner-members control these businesses, which generate more than $3 billion in economic activity in the Commonwealth each year.

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Farm Calendar

(Continued from Page A10)

Sullivan Co. Dairy Princess Pageant, Dushore, 7:30 p.m.
Sun Area Dairy Princess Pageant, Boscov's Susquehanna Valley Mall, Hummelswarf.
State Brown Swiss Picnic, Dean and Brenda Daubert Farm, Bernville, 11 a.m.
Washington-Green Co. Dairy Princess Pageant, Washington Fairgrounds.

Sunday, June 22

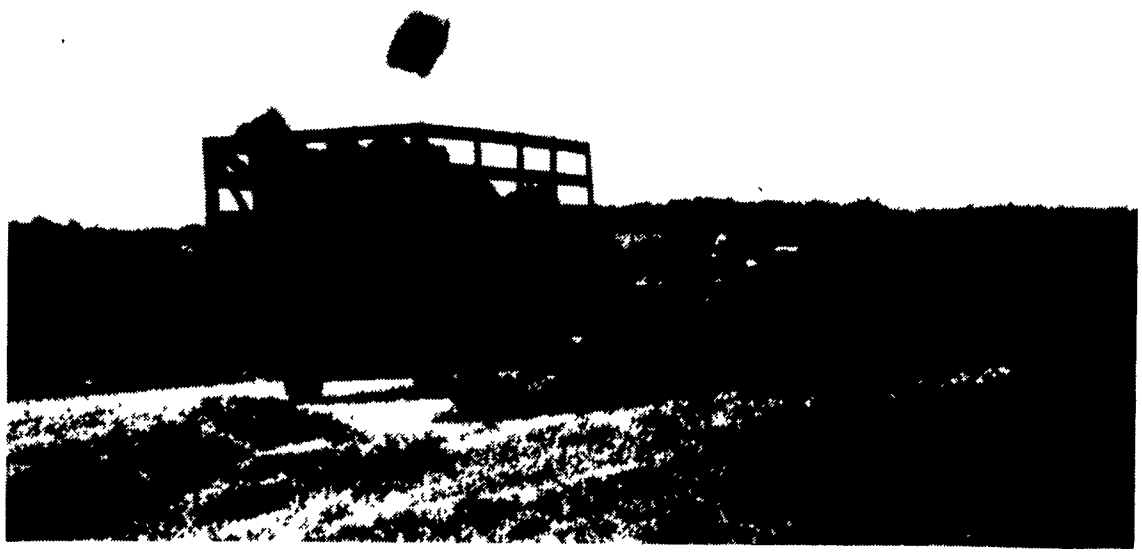
Ephrata Young Farmers Picnic, Ephrata Community Park, 12:30 p.m.
Berwick Vegetable Cooperative Annual Meeting, Berwick, contact Angel Venditti, 717-752-2062.

Monday, June 23

4-H Leadership Congress, through June 26
Woodlot Management Program, North Hunterdon High School, 8 p.m., call 788-1405.

Tuesday, June 24

Eastern Milk Producers Cooperative Delegate Meeting, Syracuse, 315-446-0730.
Escheats Sale, Farm Show Complex, Harrisburg, call 717-896-4641.
Tri-County Beekeepers Assoc. Meeting, Keeney-Ziegler Apiaries, Bethel, 6:30 p.m.

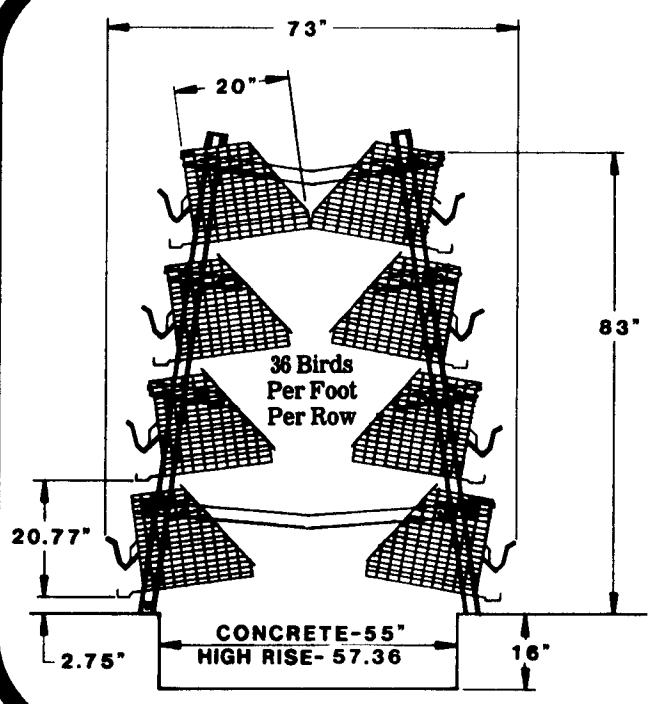


Sightseeing

Les Walton bales alfalfa hay along old Rt. 41 just north of Rt. 10. Only a few rolls of the nice crop remained to be baled Monday afternoon when the photo was taken.

NEW from CHORE-TIME

20" deep SSS curtain back cage layer system



- Ideal for new construction or modernizing older cage houses
- Boosts density of old stair step houses by up to 125% or more
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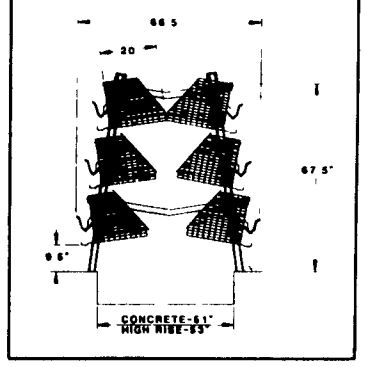
- Famous Galv-A-Weld cage construction with 10-year pro-rated warranty

3-high model available



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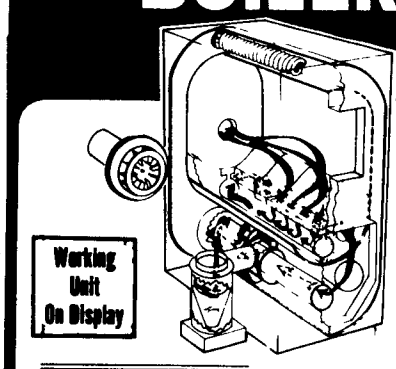

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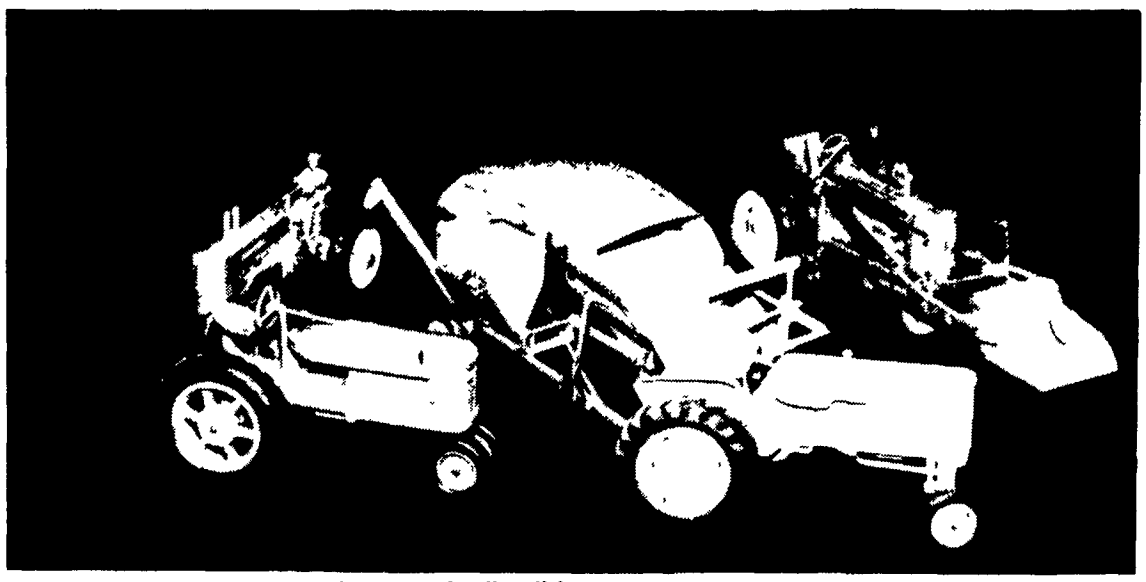
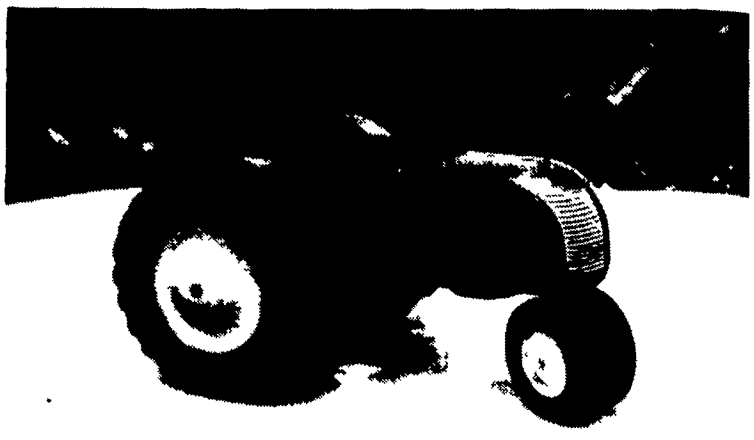
A Gallery of Antique Toys

-- Photos from David Nolt

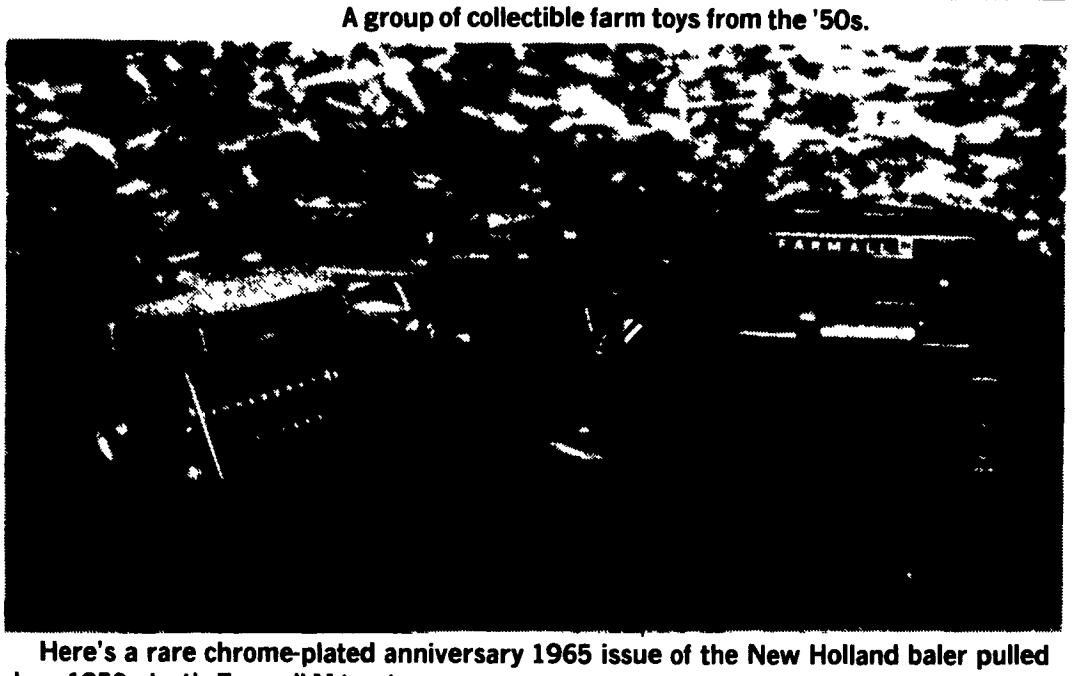
(An announcement of the Farm Toy Show & Auction on Saturday, June 28th, at the Lebanon Fairgrounds appeared in the June 7 issue of Lancaster Farming.)



A group of collectible farm toys from the '50s.



A toy cockshutt tractor from the '50s.



Here's a rare chrome-plated anniversary 1965 issue of the New Holland baler pulled by a 1950 plastic Farmall M tractor.

A McCormick 10-20 tractor and McCormick thresher made in the 1930s.

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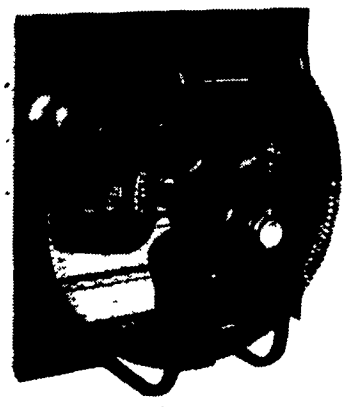
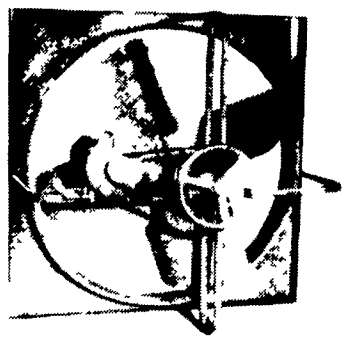


12 to 24 inch
Direct Drive



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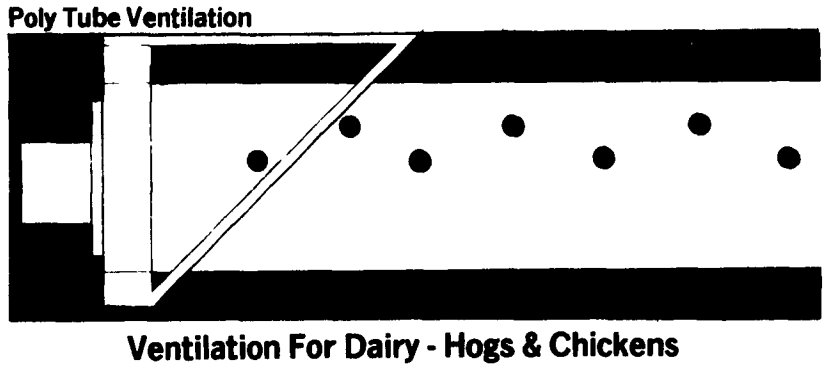

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Teresa Gawrey Wears Clarion-Venango Dairy Princess

Teresa Marie Gawrys will serve as the spokesperson of the dairy industry for Clarion and Venango Counties as their 1986 Dairy Princess.

BY BARBARA RADER
Butler County Correspondent

CLARION — Teresa Marie Gawrey was recently crowned the 1986 Clarion-Venango County Dairy Princess.

Gawrey, 20, is the daughter of Mr. and Mrs. Edward Gawrys, Titusville. She was crowned at the pageant that was held in the center of the Clarion Mall and is the fourteenth princess to represent area as dairy princess.

Also selected as Miss Congeniality, she is a 1984 graduate of Titusville High School and presently attends the Barron College of Penn State University in Erie, majoring in speech communication and education.

In addition to her activities in 4-H, public speaking, concert and track, Gawrys enjoys horseback riding and bicycling. She also helps on her family's 60 cow farm.

Stephanie Reed was selected as first alternate dairy princess. She is the daughter of Mr. and Mrs. John Reed, Emlenton. Presently she is a senior at Allegheny Clarion Valley High School. Following graduation she plans to attend college and major in mathematics.

She is a member of the National Honor Society, student government, and various sports. Reed's hobbies include all sports and owns seven Holsteins.

Reigning as second alternate is Mary Catherine Frederick. She is the daughter of Mr. and Mrs. Ronald Frederick of Shippensville.

Frederick will graduate in 1987 from Keystone Junior Senior High School and plans to attend California College of Arts and Crafts. Active in sports, she also serves on student council, yearbook and her church's youth group. When not involved with her 25 Brown Swiss, she enjoys all types of sports and horseback riding.

Four Dairy Miss contestants were chosen to assist the newly crowned dairy princess during the coming year. Dairy Miss contestants are those girls who are not yet eligible for the title of Dairy Princess.

Winning this distinction were Jennifer Garfield, Titusville, daughter of Mr. and Mrs. Theodore Garfield; Tammy Kapp, Shippenville, daughter of Mr. and Mrs. Melvin Kapp; Jodi Slye, Venus, daughter of Mr. and Mrs. Merritt Slye; and Christine Rhoades, daughter of Mr. and Mrs. David Rhoades.

Ken Raney, director of membership services of the Pennsylvania Holstein Association, served as master of ceremonies.

Judges for the pageant were three dairy farmers from surrounding counties. They include: Henry Cass, Erie County; Bruce Reitz, Jefferson County; and Art Baxter, Mercer County.

Cream should be among the last purchases at the grocery store and should be refrigerated at home as soon as possible. Kept in its closed carton at 40°F or lower, it will stay fresh for about one week. Ultra-pasteurized cream keeps well up to eight weeks before opening; then its life equals that of pasteurized cream.

Store cottage cheese as you would fresh milk—refrigerated and tightly covered. To preserve its freshness, take it from the refrigerator only long enough to remove the required amount of cheese for the meal or the recipe. When stored tightly covered at 35° to 40°F, it should stay at peak flavor and texture for 7 to 10 days.

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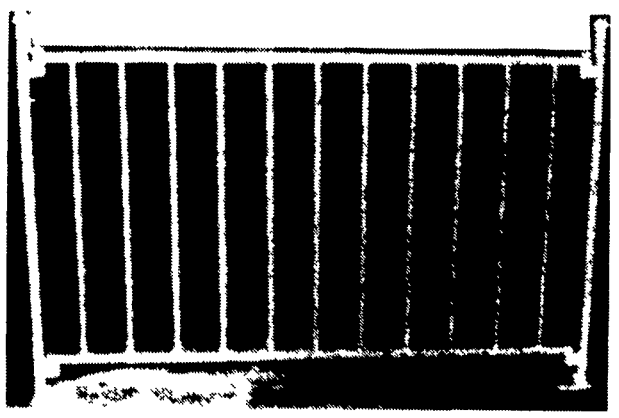

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- ALL VERTICAL RODS SOLID STEEL
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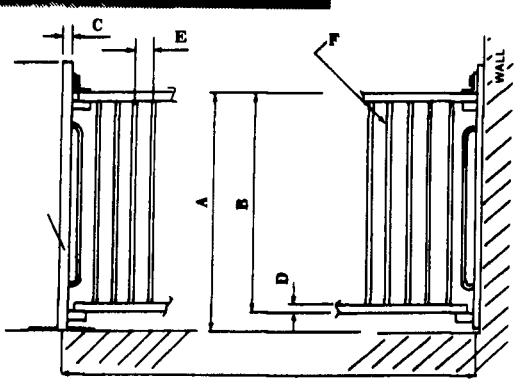

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D	HORIZ. RAIL SIZE	¼	1	1
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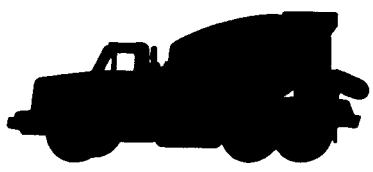

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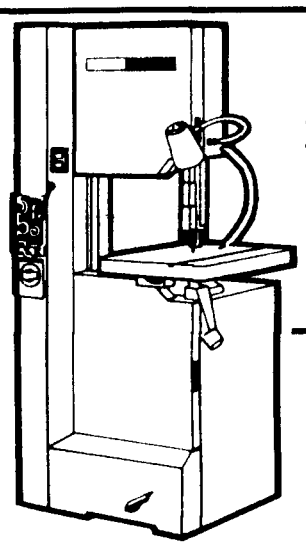

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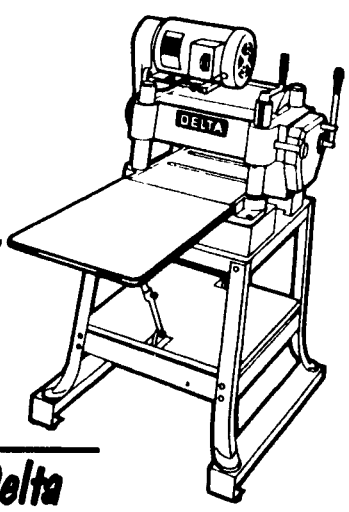

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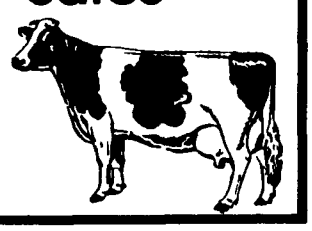
Major Dairy Sales And Dispersals Nationwide



During the week of June 6 to June 11, there were no major dairy sales or dispersals held outside of Pennsylvania. However, the National Dairy Cow Sale Index has been updated. As sales are scheduled for next week, the column will resume.

NATIONAL DAIRY COW SALE INDEX

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This sale index can help diarymen place a value on the dairy cows in their own herds. Breed organization sales and private dispersal sales reported in Lancaster Farming are included in the dollar averages.

	Ayrshire	Brown	Guernsey Swiss	Jersey
Year to date:				
Nation	721	940	789	925
Pennsylvania	1027	—	556	1332
Four previous weeks:				
Nation	674.19	966	676	910
Four previous weeks +/-year to date:	48 lower	26 higher	113 lower	15 lower

	Holstein	Red and White	Milking Shorthorn
Year to date:			
Nation	1816	2837	672
Pennsylvania	1298	2837	922
Four previous weeks:			
Nation	1826	—	421
Four previous weeks +/- year to date:	10 higher		251 lower

Ag Problems Center On Lower Farmland Values

Declining land values have been at the very core of agriculture's problems over the last several years, according to analysts of USDA's Economic Research Service.

Between 1970 and the early 1980's, farm real estate values, on average, more than quadrupled, says a recent issue of the Agriculture Department's FARMLINE magazine. The steady, rapid appreciation was far out of line with the growth in the earning capacity of the land. It was propelled by a number of factors: high inflation rates in the general economy; rising exports and projections that a growing world population would depend increasingly on the output from America's farms; low real interest rates and plentiful credit; greater attention to the fact that land is a limited resource; and fairly steady gains, overall, in net cash income from farming.

Perhaps the most important stimulus by the late 1970's, however, was the self-perpetuating assumption in the farm real estate market that the rapid inflation in land values would continue. More than half the returns of farm investment were coming in the form of capital gains, primarily on land, say USDA analysts.

While the returns a farmers could earn by producing crops and livestock were rising slowly and could vary sharply from year to year, the returns to the ownership of farmland were very dependable and very high. Land was appreciating at an average annual rate of about 16 percent in the late 1970's.

The capital gains encouraged farmers and farmland investors to continue bidding up land values to get access to all this "paper wealth." The paper wealth could easily be converted into real money by using the inflated land values as collateral to help meet cash flow needs, invest in new facilities, or buy more land.

Expansion, in fact, seemed to be a wise business decision supported by the "experts."

Expansion in the early and mid-1970's paid off for a great many farmers, say Agriculture Department economists, but others expanded too much or too late as interest rates were rising and land values were leveling off. They could support their newly acquired debt only when they were getting large capital gains, mainly in land values. They were counting on being able to borrow against continued capital gains to meet their debt payments and other cash flow needs. For many of them, all that was needed to bring on a crisis was for farmland inflation to slow. It did that, and more.

The bottom fell out of the land market, and some farmers could not get the additional credit or even support their current debt. The underlying causes can probably be traced to a dramatic slowdown in inflation throughout the general economy, a downturn in exports, a sharp rise in real interest rates, a general tightening up of credit; and the gradual realization in the farmland market that the inflated values weren't supported by the economics of farming.

The downturn in farmland values began as lenders tightened up on credit and called in existing loans, and as more farmland came on the market because some farmers couldn't manage their debt payments. The more that values dropped, the greater the number of farmers who had to sell off land or weren't in the position to buy the land going on the market, so the downturn accelerated, feeding on itself.

The USDA FARMLINE report says it was this decline in the value of farm assets, particularly land, that precipitated the "crisis" for many of the farmers now facing severe financial stress and for many of those who have already succombed to it.

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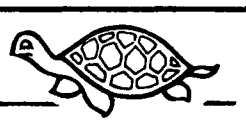

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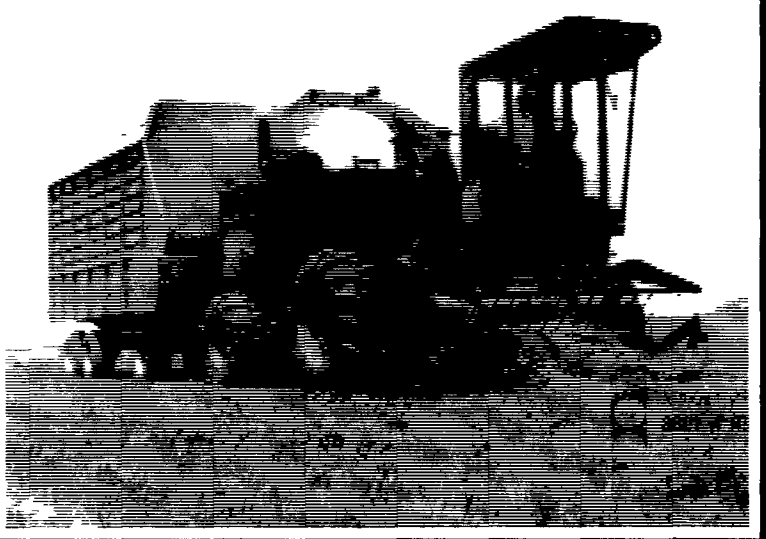

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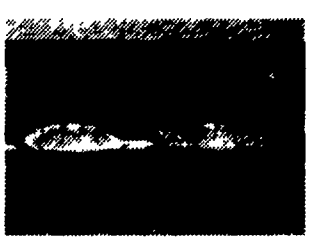

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The Dairy Business

By Newton Bair

Numbers - Fact or Fancy?

Why all the fuss about numbers in breeding cattle? The argument seems to revolve around the cow and bull INDEXES. The index is a number that indicates the true breeding value of the animal. How the number is interpreted is another matter.

The main fear seems to be based on the fact that breeding has been taken over by mathematics. It seems to by-pass the "breeder" with some mysterious power to mix and match a winning combination. The "numbers" remove the mystery, and for some it removes the fun.

Since the cow index is used as a basis for special matings for potential herd sires, it becomes desirable to own cows with a high index.

One of the complaints often heard is that, in a high producing herd, where nearly every cow is producing at the 20,000 pound level, the individual cows may have only an average index.

This poses a mystery, and raises questions. Are these high producers not good enough to produce AI bulls, just because they have a low or average index?

The answer lies in the complexity of the mathematics used in the index formula. Most of us are not mathematicians, so the formula as well as the solution becomes a mystery.

We would rather take our chances on mating our favorite bull to the highest producer in the herd. Isn't that the way Grandpa did it? Isn't that the way Ivanhoe, Elevation, and most of the other big name bulls were bred?

Some smart breeder hit on the right mix, and it clicked to produce a great bull. But remember that even these great sires would be considered mediocre by today's standards.

The point is, the figures don't lie. Within the last 10 years, the real genetic progress is so obvious that you don't need glasses to see it.

Take a casual glance at the production records that are broken every day. Compare your herds production record to ten years ago. How many 20,000 pound cows could you find in your own or your neighbors herd 10 years back? Look at the DHIA listings, and draw the conclusion that something dramatic has happened.

Allowing some credit for better feeding and management, that minor miracle boils down to numbers. Feed and management can only go as far as genetic ability will allow it.

The miracle is in the proper understanding and use of numbers. If we can't understand the formula, we should not therefore discard it.

The real proof is that it is working, so it must be trusted. The only danger is that someone will juggle the numbers, and come up with a false result.

Sure, liars can figure, and there has been some of that kind of juggling done in order to get higher indexes. Cases are well documented, and only need to be publicized to warn the unwary. But the great majority of breeders are honest, and the Co-op Bull stud managers are un-biased in their decisions.

So, in most cases we can trust the "numbers." The real proof is in the results that we see every day, in the unbiased bull proofs published indexes used to select matings.

Are you still suspicious of "numbers" and formulas? They have always been mistrusted by those who do not understand them.

Even PI, the magic number without which we could not calculate the area of a circle, was mistrusted when first discovered. Who of us really understands E=MC squared? But we know that it harnessed the Atom, and helped get us to the Moon.

The formula that calculates cow indexes is even more complex than either of those, but has produced just as remarkable results.

As a breeder of cattle, or as a producer of milk, it behooves us to try to understand the numbers that are serving us well. And if we can't really understand them any more than we understand PI, perhaps we can learn to trust them because they really work.

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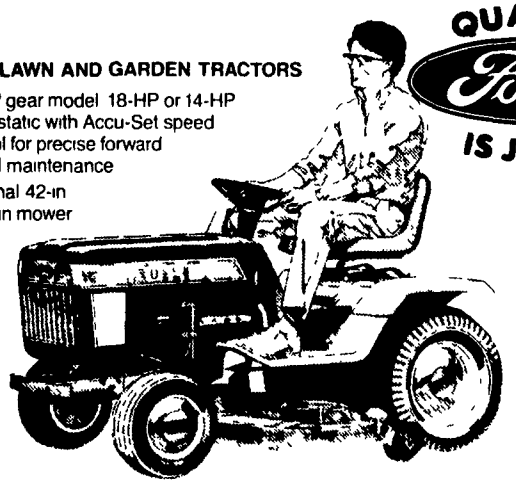

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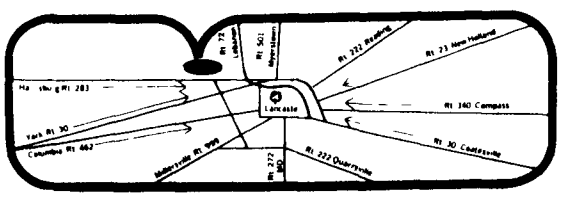

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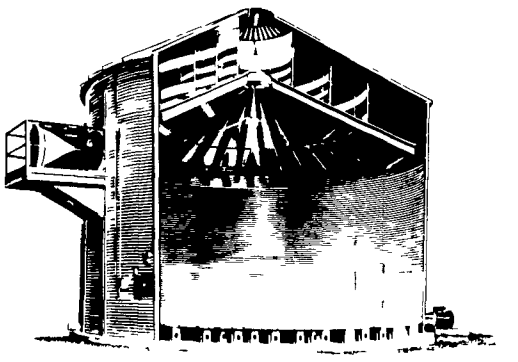

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Young Cooperators to Compete in Gettysburg

SOUTHAMPTON — Nineteen Young Cooperator contestants representing Inter-State Milk Producers' Cooperative Program June 18-20 at the Sheraton Inn, Gettysburg.

During the program, the contestants will vie for the 1986 Outstanding Young Cooperator title. A panel of three judges will select five outstanding contestants, who will be named to Inter-State's Young Cooperator Consultant Committee.

Those participating in the program are: District 1, Nevin and Audrey Mast, Oley; District 2, Paul and Sharon Bryan, Trenton, N.J.; District 3, Carl Kreider, Quarryville; District 4, Howard Overholt, Pocomoke, Md.; District 5, Glenn and Carole Jo Binkley, Columbia.

District 6, Desmond and Deborah Kayea, New Holland; District 7, Dale Kennedy, Middletown; District 8, Stanley and Cathy Guest, Pottstown; District 10, Michael and Beverley Philipp; District 11, Kenneth and Marilyn Umble, Atglen.

District 12, Dale and Martha Hershey, Paradise; District 13, John and Cindy Keith, Entriken; District 14, Lamar and Beth Bomberger, Watsontown; District 16, Michael and Loretta Berkheimer, Mechanicsburg.

District 20, Glen and Cathy Over, Williamsburg; District 21, Robert and Cathy Cromer, McConnellsburg; District 24, Robert and Charlotte Clowney, Gettysburg; District 25, William and Susan Schnebly, Clear Spring, Md.; and District 26, Vernon and Luanne Horst, Chambersburg.

Sponsored by the members of the Pennmarva Dairymen's Federation, the Young Cooperator contest is a culmination of a year's activities for the participants. Each contestant has had the opportunity to attend board of directors meetings, the annual delegate meeting and educational seminars.

Inter-State's Young Cooperator program is designed to educate young dairy farmer members about cooperatives and to further expose them to the workings of the dairy industry. The program recognizes and develops leadership among cooperative members between the ages of 21 and 35.

Three other Pennmarva members -- Capitol Milk Producers, Maryland and Virginia Milk Producers Cooperative Association and Mid-Atlantic Division of Dairymen Inc. – also select outstanding Young Cooperators.

Maryland Loses Fewer Cows Than U.S. Average

COLLEGE PARK — Maryland's dairy farmers will give up fewer cows and less milk than the national average in the U.S. Department of Agriculture's "Whole Herd Dairy Buyout Program," a nationwide effort to reduce costly dairy surpluses.

That may be one indicator of Maryland dairy farmers' dependence upon milk production for their livelihoods, according to agricultural economists for the University of Maryland.

In 1985, Maryland dairy farmers marketed 1.7 billion pounds of milk. Based on the number of contracts accepted from the state's producers by the federal government, that figure should fall by 7.43 percent, or 124 million pounds for 1986, says Dr. John W. Wysong, agricultural economics specialist for the university's Cooperative Extension Service.

USDA has targeted for this year and part of 1987 a national reduction from 1985's production figures of 8.7 percent, or 12.3 billion pounds of milk, Wysong says.

Eventually, USDA expects the program will remove approximately one million cows from production.

Of the nation's five major dairy states, only California and Minnesota farmers signed contracts with the federal government to reduce milk production by more than the national target average.

In addition to Maryland, the major producing states of Wisconsin, New York, Pennsylvania and Vermont will reduce milk production less than the national average.

"California and Minnesota's dairy faremrs were probably able to lose more cows and reduce production more than the national aveage because they are less dependent upon milk production for their livelihoods," Wysong says.

"Farmers there are a bit more diversified," he adds.

Under the terms of USDA's buyout program, farmers may submit bids to the federal government to sell cows from their herds and remove them permanently from milk production.

Not only does USDA wish to reduce dairy surpluses, but it wants to reduce the cost to the taxpayer for those surpluses.

The federal government currently spends more than $2 billion every year to buy surplus dairy products from the nation's dairy farmers.

USDA estimates the buyout program will cost $1.9 billion a year, one-third of which dairy farmers will pay themselves through a production assessment.

It appears as if the gap between man and ape is closing, says ***National Wildlife*** magazine. A five-year experiment at Central Washington University has shown that chimps can learn American Sign Language from each other. One young chimp, Loulis has learned over 50 signs from Washoe, the more famous female who acquired the language 20 years ago.

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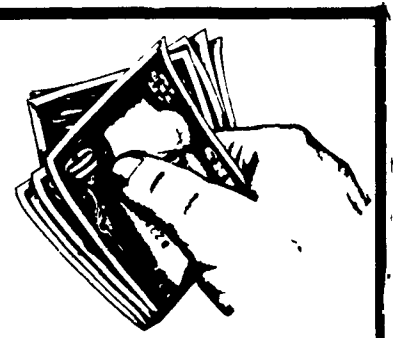

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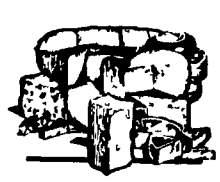

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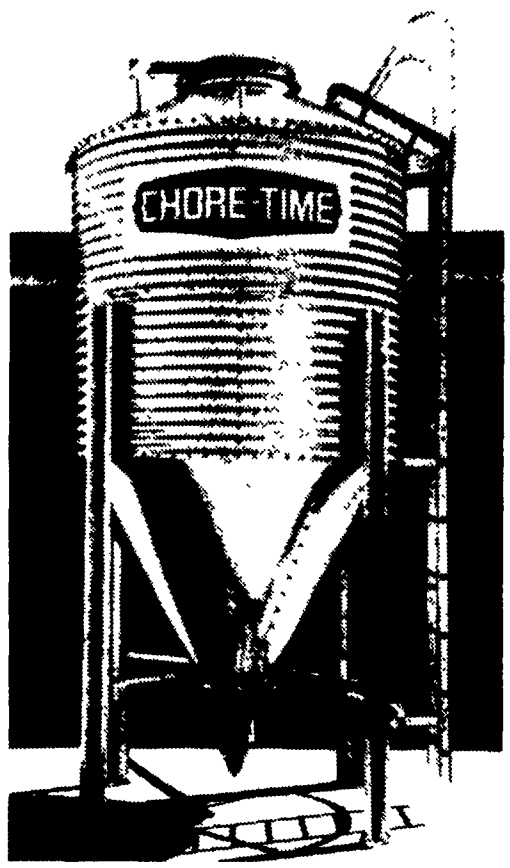

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Bucks County Crowns Diane Moyer Dairy Princess

QUAKERTOWN — Dairy Princesses were center stage at the Richland Mall on June 7 for the 16th annual Bucks County Dairy Princess Pageant.

Diane Moyer, daughter of Mary and Dick Moyer, Perkasie, was crowned the 1986 Bucks County Dairy Princess. She received her crown from her sister Brenda, the 1984 Dairy Princess.

During school this Pennridge High School senior participates in volleyball. She also serves as the MYF secretary and is active on her church's softball team.

For her skit, Diane went to the "barn" singing. She reminisced about how her grandmother and her mother had also gone to the barn singing. Diane then proceeded to praise dairy products in song by singing original words to a popular country tune.

Claudia Ulmer, daughter of Carole and Gerald Ulmer, was named Alternate Dairy Princess and Miss Congeniality.

She is a senior at Palisades High School. In addition to dance lessons, Claudia raises sheep and enjoys all types of sports.

Portraying an old-fashioned school teacher, Claudia made her point about dairy products by "teaching class." Using an easel and posters, she informed the group on dairy's nutritive values.

Vicky Beyer, daughter of Louise and Jim Beyer, Doylestown; and Marian Bishop, daughter of Mary and Dick Moyer, Perkasie, were the other two contestants.

The girls performed their skits for the judges, and the evening's audience, on the stage erected for them by the Richland Mall. Both performances were open for the shopping crowd's enjoyment. This contest was held in conjunction with "Dairy Day at the Mall."

Judges for the pageant were: Penrose Hallowell, former Pennsylvania Secretary of Agriculture; Maxine Plummer, instructor in biology at Buck County Community College; and James Shoemaker, an insurance agent from Bucks County. John Plummer, professor at Delaware Valley College was the master of ceremonies.

Diane Moyer is the 1986 Bucks County Dairy Princess.

Dairy Goats Kickoff 'Big Weekend'

BELLEFONTE — Earlier this week dairy goats in the state and nation received the attentions of the big men in politics.

President Reagan proclaimed next week as National Dairy Goat Awareness Week. Gov. Thornburgh proclaimed next week Pennsylvania Dairy Goat Week.

Thursday, the American Dairy Goat Association presented six goats, one of each major breed, to the Reagans.

Accepting the goats was Secretary of Agriculture Richard Lyng. "I'm pleased to accept this goats on behalf of the President. The President appreciates very much the thought that went behind this, and the goats will be known as the President's herd," Lyng commented.

These goats will travel to the Reagans' ranch in California and become the foundation for their new herd. Approximately 25 years ago the Reagans had goats on their ranch.

At the signing of the Pennsylvania proclamation, Thornburgh noted that two stuffed goats given to him by the Pennsylvania Dairy Goat Association were one of the nicest gifts he has ever received. He also admitted his fondness for goat milk fudge.

The Pennsylvania Dairy Goat Association kicked off this prestigious week with the opening of their annual "Big Weekend" at the Huntingdon Fairgrounds. Over 500 entries from six state are expected for the three day show which concludes tomorrow.

President Reagan and Governor Thornburgh have designated next week, June 15 to 22, as a special week to increase the public's awareness of this member of the dairy industry.

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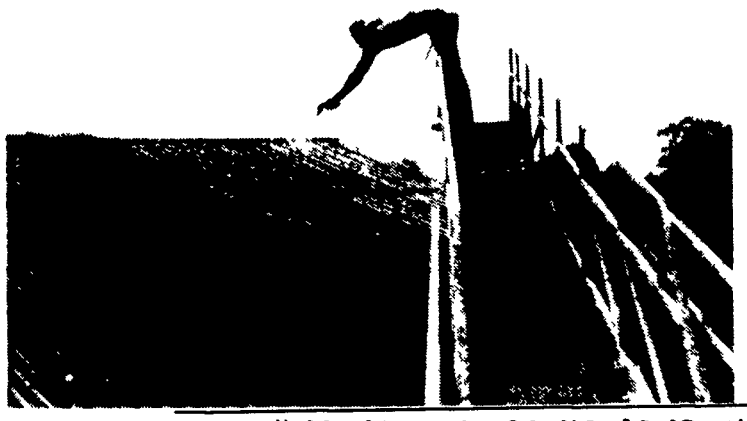

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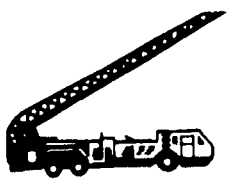

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Crickets, long the insomniac's enemy, have been considered fortunetellers, doctors, and athletes the world over. *International Wildlife* magazine reports that Europeans once thought the cricket bite cured warts; the Chinese placed bets on cricket fights; and, that Kayapa Indians in Brazil still believe the song of the cricket portends death.

Don't Bury Your Onions

Gardeners often regard the onion as a root crop. Actually, the onion bulb is 95 percent leaf tissue according to Jeff Jabco, Delaware County Cooperative Extension Agricultural Agent. The bulb has a wafer-thin stem, referred to as a "stem plate" because it is flat, much like a dinner plate. Roots grow downward from this compressed stem. The rest of the onion bulb is composed of the thickened bases of the leaves.

Gardeners frequently make the mistake of mounding soil over the onion bulb. When this is done, the bulb stops enlarging and decay organisms often invade the bulb tissue. The bulb must continue to be exposed to the sun; gardeners are advised to leave about two-thirds of the bulb exposed. For true root crops, such as carrots, the tops should be covered with soil.

Press Conference Held

(Continued from Page A1)

stages of the lactation cycle. In 1986, we completed a 38-week experiment, with recombinant somatotropin."

"Lactating cows treated with somatotropin produce at higher levels for longer periods of time. In effect, "good" producing cows become "better" producers and "better" producers become "excellent" producers. Production increases of 40% have been obtained but responses of 10 to 20 percent are more likely under field conditions," he said.

"Cows injected with somatotropin consume more feed but efficiency is improved because more nutrients are directed to milk. Normal feeding strategies for high producing cows need to be followed to realize the full benefits of somatotropin."

"Milk quality and safety are critical factors. Milk composition is not changed when cows are fed diets that provide needed amounts of energy and protein. Milk from cows not treated with somatotropin often contains low levels of endogenous somatotropin. Levels are not increased when cows are injected with somatotropin. Bovine somatotropin is not biologically active in humans. Because of gastric and intestinal proteases, somatotropin is inactivated when consumed."

Dean Robert M. Marshak opened the formal afternoon conference. "In agriculture as in any other industry," Marshak said, "increased productivity comes through technology. The past 50 years of increased agricultural productivity has been a manner of national pride of our great achievements. These achievements were relatively easy when land and water were plentiful and energy was cheap.

Today large segments of agricultural land are going for development. And a great deal of agricultural land is misused or unused. In addition, water has become a threatened resource and energy is no longer cheap.

Therefore, if we are going to have gains in productivity and profitability, it's going to come mainly through applications to agriculture of revolutionary practices in biotechnology and medicine.

Dr. Karl L. Simkins, American Cyanamid Company described the company's support of somatotrophin research at Monday's press conference.

Dr. William Chalupa explains test program for somatotrophin to the national press in Hopeland Farms free-stall barn.

Somatotropin Hearing Held

WASHINGTON D.C. — Wednesday, members of the House Subcommitte on Livestock, Dairy and Poultry heard testimony, from representatives of federal agencies and several biotechnology firms, concerning bovine somatotropin.

The FDA spokesman noted that they are in favor of the new technology if it is able to improve efficiency. They expect it to be approved for use between 1988 and 1990.

Concern was expressed on the USDA's conflicting role in financing the research to develop BST as well as their role in reducing the surplus milk situation.

Representatives of drug manufacturers, looking at the macroeconomics of the product, pointed out that by increasing the production efficiency of the dairy industry, the overall costs of the dairy products would be decreased.

Drug and academic personnel looked at the implications of the large farms versus small farms using BST and concluded that it is just as advantageous to small farmers as large farmers. In their conclusions they emphasized the prerequisite of good management practices on both types of farms.

John Adams of the National Milk Producers Federation noted that little testimony was given concerning the overall implications of BST. While NMPF recognizes the need to improve efficiency, accelerated overproduction could drop prices even more if the present surplus situation is not corrected. And, he added, farmers will continue to play catch-up on day-to-day costs.

NMPF also encouraged more evaluation on all aspects of the issue, not just production.

Jeremy Rifkin of the Foundation on Economic Trends, Douglas LaFollette of the Wisconsin Family Farm Defense Fund, and the Humane Society of the United States, jointly filed a petition calling for the FDA to conduct an environmental impact study of BST. To be included in the study would be the impact of utilizing more feed, and possible alteration in land use patterns to grow the additional feed.

Another point that was noted is that once BST is approved, the adoption of the practice will probably be conservative. Some farmers may use the product on only part of their herd initially. while others may not use it at all.

Conclusions drawn from the hearings were that BST will not have an pronounced an impact as originally thought. Expected increases in production now stand at 15 to 25 percent. This figure could be altered, depending when the product becomes available.

Rep. E. (Kika) de la Garza answers the press while on a visit to Chester County.

Penn State Proposal

(Continued from Page A1)

Foundation listed the objectives of the dairy food research centers as follows:

•to ensure the viability of the American dairy industry over the long term through improved marketability of domestically-produced dairy products.

•to expand the capacity of academic research centers to generate fundamental information and for training of dairy food scientists for industry, academic and public sector careers.

•to increase the number of academic positions dedicated to research and teaching programs in dairy food science.

•to make dairy food research more attractive for support by funding agencies, e.g., USDA, National Science Foundation, private foundations, etc.

•to reverse the progressive decrease in support (governmental, state, industry and academic) for dairy food science programs (teaching, training, research).

The national board proposes to put up a minimum of $200,000 per year for each designated center. The initial contract is for a five-year basis with the opportunity for renewal. They would like industry and the University to match the funds on a three-way commitment to the research program. A total of five or six centers around the nation are expected to be awarded. The research is deemed necessary as the next step in the dairy promotion success story that has until now centered mostly in the advertising and marketing areas.

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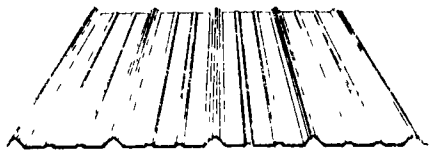

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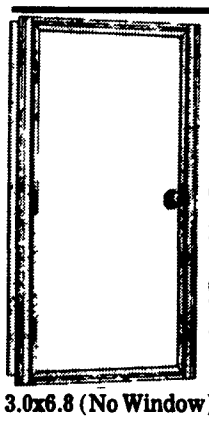

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Water Quality

(Continued from Page A24)

"It was very hard for us to get over a 45-pound average," he recalls, referring to his milk production previous to installing a water treatment system in September, 1984. The herd's health problems included an increase in displaced abomasums (twisted stomachs) and foot problems that led to lameness.

After exploring other potential problem areas, Good had his water tested. His nitrate levels fluctuated from 19 to 23 ppm (nitrate nitrogen) and his sulfate levels were high, as well, testing at 94 to 118 ppm (see sidebar for more information on sulfates). "We probably wouldn't have put in a system to remove the sulfates if we wouldn't have had a combined problem," Good says. "We spent a good bit of money to get our water cleaned up here," he emphasizes, noting that the system he had installed cost him about $3,000 for the well serving his dairy herd and $300 to treat a smaller well used in the home.

According to the dairyman, it was money well spent. We're very well pleased," he says. "This last half year we've been running 50 to 60 pounds of milk. Since we've been on the system, we've had far less twisted stomachs."

He also noticed a reduction in hoof problems such as foot rot within a year of treating his water. "The man who trims our hooves came back the next year and really noticed a difference in the herd. I really believe it was through the water conditioner."

Martin Nolt is another dairyman who's glad he decided to clean up his water. "The main thing we had was abortions," said Nolt, who, together with his sons Nevin and Glenn, milks 54 Holsteins on their 120-acre farm near Peach Bottom.

"One year (1984) we had seven abortions," notes Glenn, adding that the herd also had breeding problems. "Most of the cows were bred two times before they got settled...and some more than that."

Acting on the advice of a relative, Nolt had his water tested in the spring of 1984 and found his nitrate levels to be between 22 and 24 ppm. His veterinarian recommended nitrate removal. That summer a treatment system was installed, but it took about a year for positive results.

Since 1985, the herd's abortion rate has dropped to two or three annually, and about 80 percent of the cows are bred successfully on the first service, according to Glenn.

The systems installed at the Nolt and Martin farms are anion exchange units that employ synthetic polymer-type compounds to remove nitrates and sulfates selectively. In addition to being an expensive way to get the job done, the method does have one other drawback, according to Richard Croyle. To remove high concentrations of trapped nitrates, the system is backwashed. If it doesn't backwash properly, the potential exists for these nitrates to bleed back into the drinking water.

"But under circumstances where there's a definite need, I'd say the system will be worthwhile," says Croyle.

Another option is to drill a new well and hope for lower nitrate levels. If the new well proves to be significantly better, a farmer can also consider blending water from the old well to dilute the concentration.

If bacteria is a problem, Croyle recommends treating the well with bleach. If bacteria levels are high, a serial disinfection may be necessary, in which a second treatment is administered 48 hours after the first.

Croyle cautions farmers that giving cows access to streams can cause problems, since surface water may contain high concentrations of nitrogen, bacteria and chemical runoff. "It's a good avenue to transmit diseases," he adds.

Giving cows access to free-flowing water makes it difficult to monitor water consumption, as well. Knowing how much water your cows normally consume is a good way to keep a handle on herd health, points out Richard Adams.

"Anytime you're having problems, the place to start is with water intake," says Adams.

Adams points out that most water problems aren't related to water quality. When consumption problems appear, he says, look to other possibilities, such as stray or transient voltage, lack of water pressure, obstructions such as metallic solids that may clog filters, or poor access to water. "Animals that have to stand in line to drink won't bother, and they'll just go off and produce less," he notes.

But when all other variables have been investigated and the jury's still out, it's time to test for troubled waters.

Soybean Board Funds Delaware Projects

NEWARK, Del. — The Delaware Soybean Board has approved nearly $25,900 in support of eight University of Delaware research and extension projects for 1986. These projects are aimed at improving the profitability of soybean production in the state. One major project is the continuation of a task force study of the factors affecting soybean yields on Delaware farms.

Other projects funded for the current season are: an evaluation of soybean varieties for no-till double cropping; soybean variety performance tests; an evaluation of miticides for control of the two-spotted spider mite in soybeans; use of ground-driven applicators for postemergence herbicides; effectiveness of combining over-the-top herbicides and manganese sulfate to alleviate manganese deficiency in soybeans; management of soybean cyst nematode populations; and control of problem weeds in soybeans.

Money for these projects comes from a one-cent-per-bushel check-off on soybeans raised in the state. The scientists involved are researchers at the University of Delaware Agricultural Experiment Station and specialists with the Delaware Cooperative Extension System.

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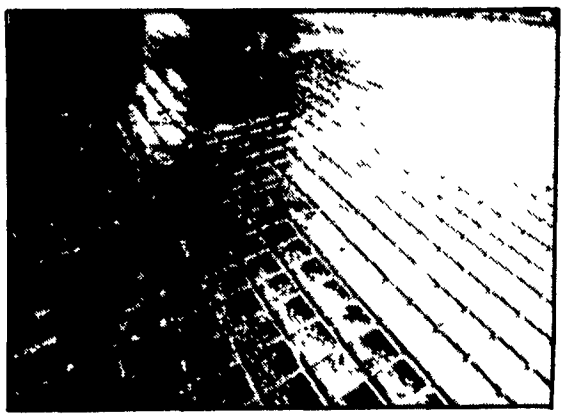

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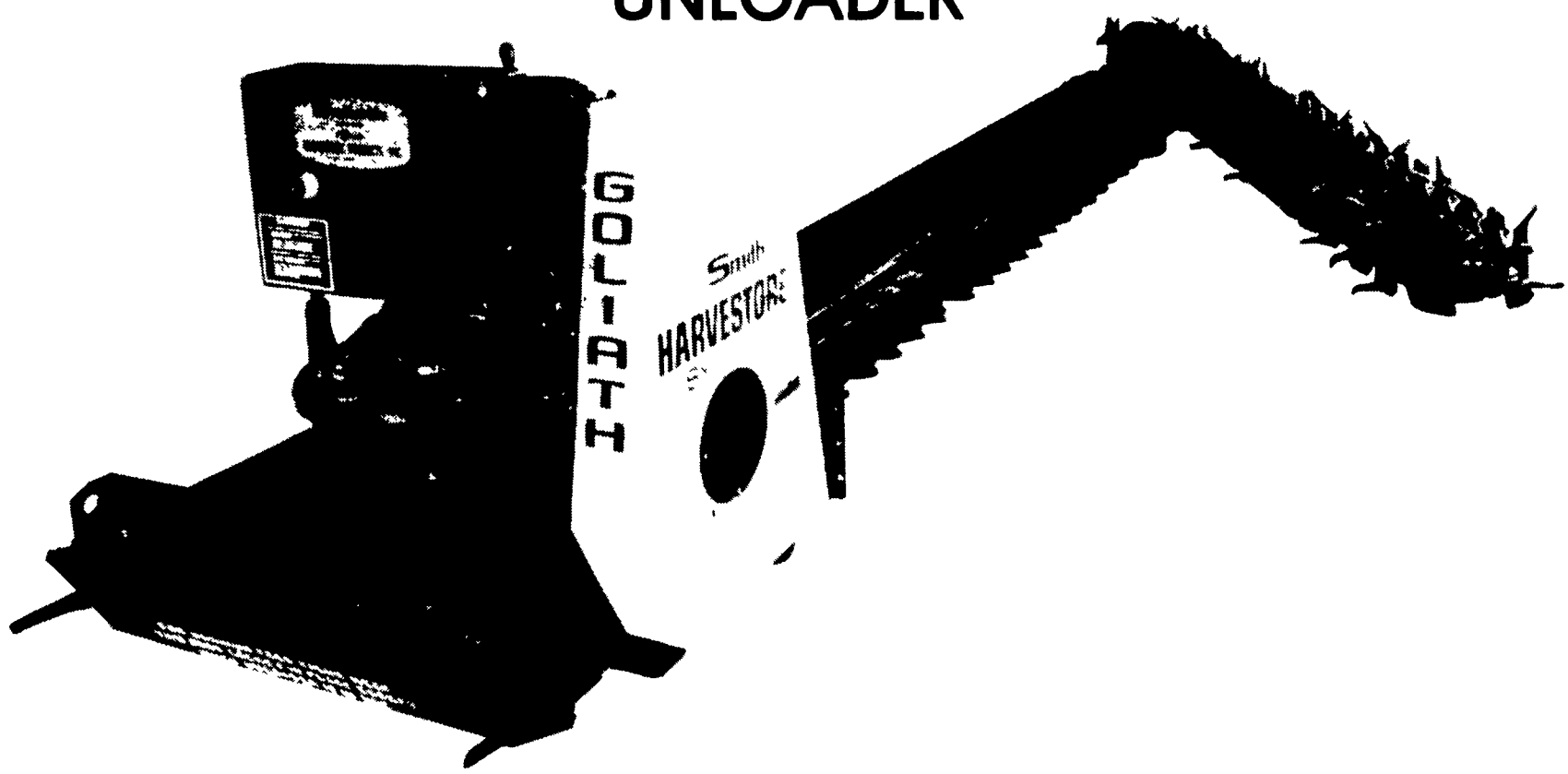

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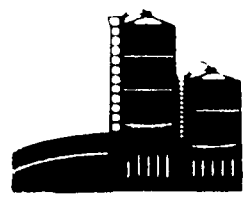

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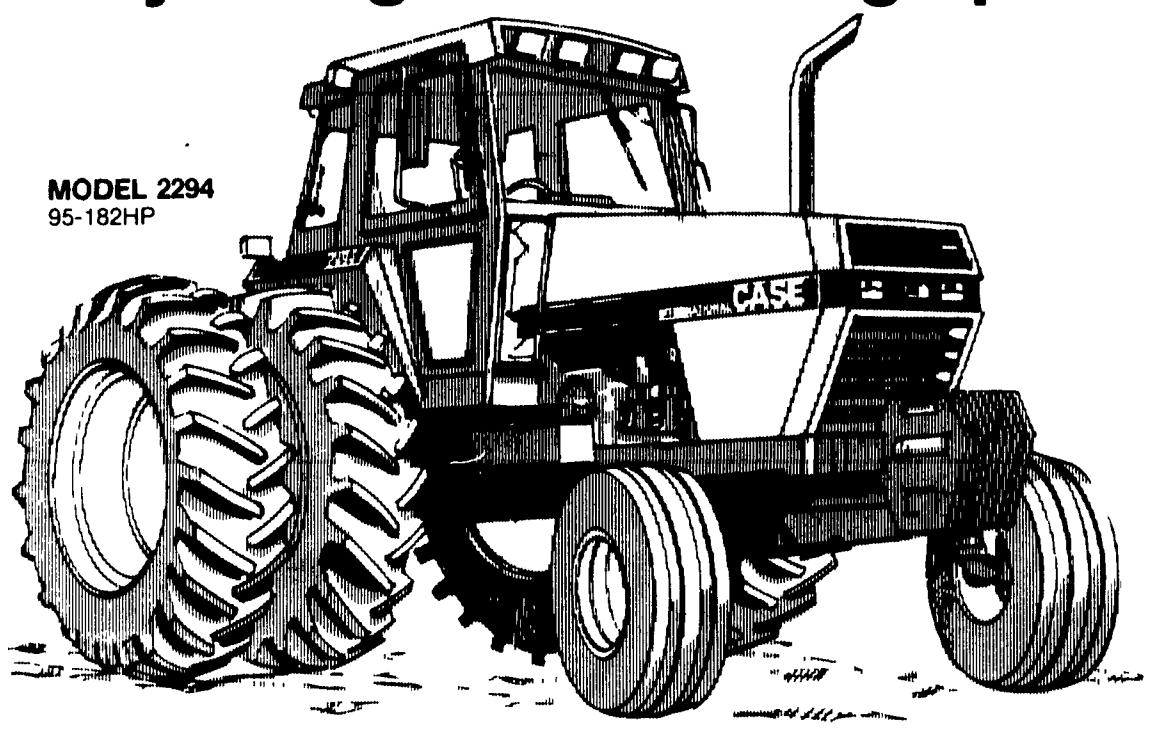

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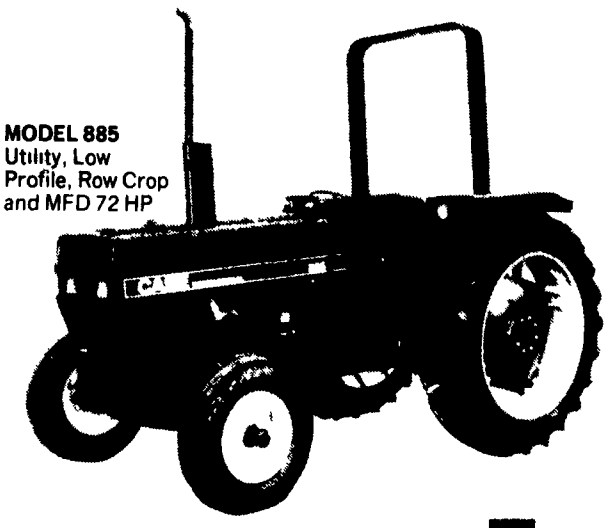

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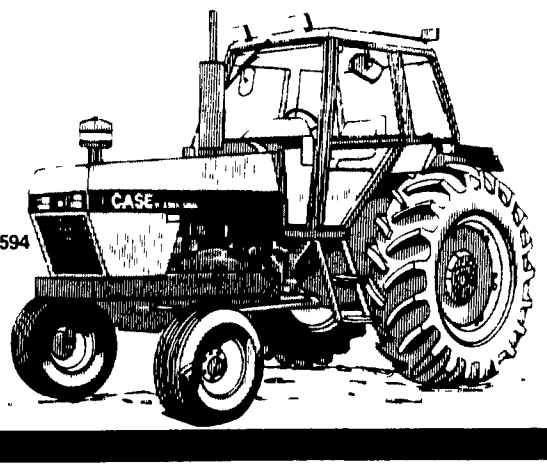

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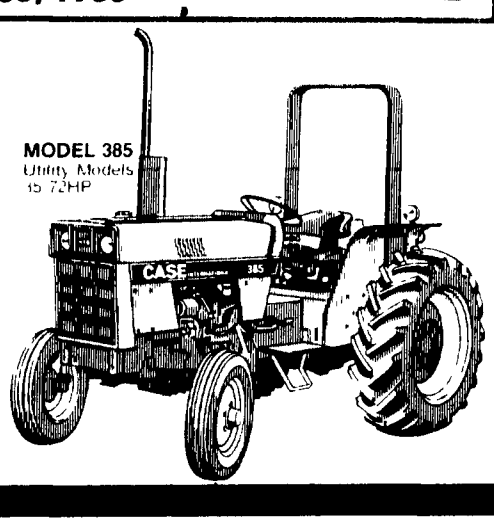

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Former City Girl Michele Campbell Is a 'Cowgirl' At Heart

BY BARBARA RADER
Butler Co. Correspondent

BUTLER — A love of animals drew 21-year-old Michele Campbell into the farm life at an early age.

At the age of five, she began spending much of her time with her aunt and uncle, Stella and Norman Graham, who lived on a dairy farm near the western Pennsylvania town of Connoquenessing. These afternoon stays led to a few overnighters, and finally Michele began working on the farm throughout the summer and on weekends during the school year.

With her special interest in dairy cows, Michele plans to attend veterinary school, specializing in dairy animals and other large livestock.

Currently a student at Penn State, Michele was named the Penn State Dairy Princess in April and took reserve champion and reserve overall fitter honors at the university's Dairy Expo.

Being crowned Dairy Princess was nothing new to Michele, who was Butler County's Princess in 1981 and last year's alternate in the Penn State contest. In one of her first public appearances, she won the Dairy Expo's milking contest with Pennsylvania Dairy Princess Beth Heald.

Michele began her Penn State career at the Beaver campus, where she spent two years before moving to the main campus. In addition to her regular course work, she is a member of the Dairy Science Club the Pre-Vet Club and the Coaly Society, an honorary agricultural organization.

As a Dairy Science Club member, she has served as Dairy Expo's assistant breed manager for the past two years, and has co-hosted the club's banquet in 1984. She also served as co-chairman of the food stand at the Block and Bridle Club's Little International Livestock Expo.

In order to gain more knowledge concerning dairy type and production, she has worked on several area farms in addition to the farm owned by her aunt and uncle. These operations have included the Curt Wible farm, Butler; Centre County's Tussey-View Farms owned by Fred Strouse and Boyd Homan; and Brandale Holsteins in Huntingdon County, operated by Terry and Jane Branstetter.

While working on these farms, she also had the opportunity to work with some of the better cows at county and state shows.

In an effort to enhance her knowledge of veterinary science, she has also worked for several veterinarians. Her first such venture was with Apple Grove Veterinary Clinic in New Castle. At Penn State, she worked closely with extension veterinarian Dr. Ron Erskine, as well as with Dr. Eberhart in the Dairy Science Department. This summer she has taken a position with Em-Tran of Elizabethtown, where she will milk cows and assist in splitting embryos, as well as observe embryo transfers.

When she returns to Penn State in the fall, she will be working to complete five years of college education and earn degrees in Animal Bioscience and Dairy Production.

One area of special interest to this pre-vet student is mastitis. Michele earned third-place at the Northeastern American Dairy Science Association's meeting at Delaware Valley College this past year for a paper she presented on teat dips. For the past two years she has also done antibiotic testing on the sale consignments of the Nittany Lion Fall Classic.

An accomplished 'salesman, Michele has been one of the Dairy Club's top cheese box salesmen. Her efforts have helped to finance the club's farm tours to Ohio and Wisconsin.

A 1982 graduate of Butler High School, she was actively involved in track and the Junior Achievement program. Before the age of 19, she spent four years with the Butler 4-H Dairy Club, serving as historian and secretary.

Michele has accumulated many awards during her show career. Her three-year-old, Graham-Haven Silver Sunrise, placed sixth in her class and took best udder honors at the Pennsylvania Junior Dairy Show in Harrisburg. This same cow won best udder at the 1982 Butler County Holstein Show and is now scored at 86 points.

Two other cows that have amassed memorable show honors are Graham-Haven Kit Flo, scored at 87 points, and Graham-Haven Valiant Lauri, scored at 85 points.

But the showring is not this energetic student's favorite environment. Michele feels most at home in her aunt and uncle's cow barn, helping with the 44-cow herd of registered Holsteins. This is one city girl that plans to remain a "cowgirl" for the rest of her life.

With an ambitious college year behind her, Michele Campbell enjoys working with the dairy cows at Graham-Haven Farm, owned by her aunt and uncle, Stella and Norman Graham. She's pictured here with her dog, Onyx.

Michele and Onyx share a moment with Sunrise, one of the Dairy Production student's showring winners.

Penn State Dairy Princess Michele Campbell and Liza.

Homestead Notes

Manheim FFA Seniors Honored

MANHEIM — Three Manheim senior FFA members were honored for accomplishments achieved during their four years at Manheim Central High School during Senior Awards night.

Neal Benedict received both the Dekalb Agricultural Accomplishment Award sponsored by Dekalb-Pfizer Genetics and the Lancaster County Bankers Award. These awards are presented to the senior agriculture student attaining the highest degree of proficiency in scholarship, leadership and a supervised agricultural program. Neal was this year's past president of the chapter and has participated in numerous contest and leadership training conferences.

The Dekalb award, often considered the highest honor a Vo-Ag student can receive at the local level, is presented in nearly 4,000 schools annually. Following graduation Neal plans to continue working in an agricultural production related field.

Neal received a $50 award in recognition from the Lancaster Bankers.

Phil Myers was recognized by the Rotary Club for his active participation in the Future Farmers of America youth organization, his leadership abilities and his Work Experience program. Upon graduation Phil plans to continue working with beef animals and field crop production. Phil served as FFA treasurer for both the chapter and the county this year.

Donald Yeagley

Neal Benedict

The Farm Women #2 in Agriculture award was bestowed upon Donald Yeagley. Donald has a strong Work Experience Program with Walter Heistand. He plans on continuing in the same line of work after graduation. He has played an active role in chapter activities during his four years in the Vo-Ag program. He is serving as this year's chapter historian. Donald was given a $25 award by the Farm Women.

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Susan Eck Crowned Strawberry Queen

BY BARBARA MILLER
Lycoming County Correspondent

MUNCY – Susan Eck, daughter of Kenny and Nancy Eck of Muncy, is the 1986 Pennsylvania Strawberry Queen. Susan was chosen from a field of four at the second annual pageant, held Sunday, June 8, at the Lycoming Mall. Approximately 150 people attended the event.

Susan Eck (left) was recently crowned Pennsylvania's 1986 Strawberry Queen. Roberta Riddell was named first runner-up in the contest.

The brown-eyed brunette will be a junior next year at Lycoming College, Williamsport. She is majoring in biology and plans to become a medical technologist.

Susan is a member of Tri-Betz, a biology honors society, and sings in the college choir.

"I know strawberries front to back," Susan stated during an outstage interview. Susan has worked during the summer for the past several years at the farm of her grandparents, Mr. and Mrs. Ralph Styer, who grow strawberries commercially.

She noted she has planted strawberries as well as made them into jams and jellies. If she were chosen queen, she said, her main priority would be to promote the sale of strawberries to the general public.

As for qualities she possesses that would make her a good strawberry queen, Susan replied, "I like to meet people. I feel I can talk to people easily."

This ability to communicate she attributes in large part to enrolling in several public speaking courses while a 4-H member. For 14 years, Susan belonged to 4-H and said she particularly enjoyed raising pigs each of those years.

Susan Smith, Muncy, the 1985 Strawberry Queen, said the highlight of her reign occurred at the Farm Show when she presented a gift to Gov. Thornburgh and his wife. She advised the new queen to, "Be yourself. Have respect for yourself and most of all for God." She thanked the Pennsylvania Strawberry Growers' Association, Tom and Daisy Styer, and her family for their help during her reign.

First runner-up in the pageant was Roberta Riddell, daughter of Robert and Roxie Riddell, Montgomery. Other contestants were Jody Derr, who resides with her grandparents, George and Polly Budman Sr., Muncy; and Kathy Murray, daughter of John and Anna Murray, Muncy.

The queen's coronation will take place at a strawberry festival scheduled next Sunday afternoon, June 15, at the Muncy Historical Society, Muncy.

The strawberry pageant became an annual event shortly after Gov. Thornburgh proclaimed Muncy as the strawberry capital of Pennsylvania in 1982. This was done in recognition of the half million quarts of strawberries picked each year from farms in the surrounding area.

The 1986 Strawberry Pageant was judged by Tom Murphy, Lycoming County agricultural agent; Gloria Clegg, Muncy Historical Society; Kate Humburt, home economist from Montour County; and Lorraine Campbell, of Boscov's sporting department.

Emcee was John Yingling, manager of a local radio station, and Greg Owen was pianist.

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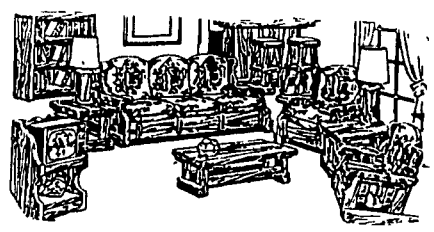

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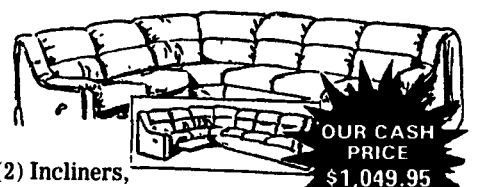

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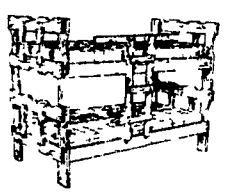

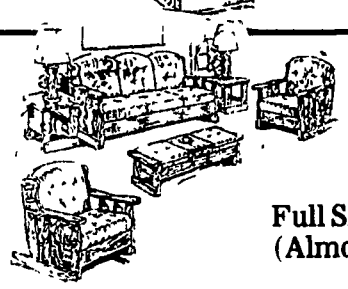

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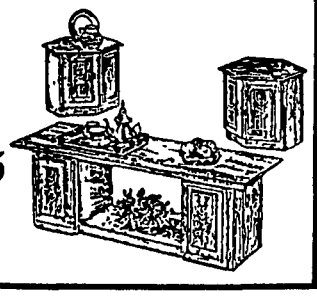

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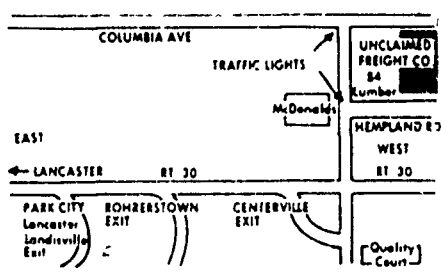

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On being a farm wife - And other hazards

Joyce Bupp

Tomorrow we salute a generally unsung hero.

Dad.

And deserving of a bit of special recognition are those dads who successfully manage what has to be a sometimes difficult balancing act. It involves commitment, courage, a sense of fairness, tact, and at times plenty of humor.

These are fathers who farm with their children. (Or, for that matter, involved in any successful business situations with their offspring.)

An article I read some time ago in the Farm Credit magazine included an extremely negative quote from an obviously disgruntled son who had tried farming with his dad.

"There ought to be a law against relatives farming together. A lot of things are said and done in a family partnership that wouldn't be said or done in a regular business relationship."

Families farm together for many reasons: sons or daughters return home because of parents' health problems — they farm because they don't know what else to do — the farm in hopes of eventually taking over if they can stick it out long enough.

But mostly they return home to join the farm because of one simple reason: they absolutely love farming and don't ever want to do anything else.

Because of the closeness of the personalities involved, father-son farming is rarely something that meshes perfectly. In fact, I'd guess it's a lot like marriage — plenty of give and take, and keeping your mouth shut when you'd rather open it and scream things you'd surely regret plenty later on.

After all, dad is still the parent and son (or daughter) the child, even when the "child" is several decades old and has his own growing family of youngsters. And sometimes, parents find it well nigh impossible to hand over control, decisions, problem-solving.

Finances may rear an ugly head. A son may have to struggle to get by in today's inflated economy on what to dad was once a decent monthly salary.

Or, a son may make sweeping changes not in the long-term best interest of a farm business.

From talking with successful family partnership members, it's communications that make the most critical difference.

Successful father-son farm partners are able to talk, I mean REALLY talk, with each other. Fathers are willing to hear out sons' thoughts, suggestions, problems, needs. And sons respect father's experience, knowledge, advice and accomplishments in the ag industry.

Plus, a successful father-son farm partnership usually goes beyond just those individuals. In-laws in such operations are also interested, understanding, — and most of all, perhaps — broad-minded.

We have long admired those farm families of our acquaintance who work together so well in operating a family partnership. Some have three or four children, each seeming to have found their own niche in the operation.

One son may have a knack for the cows or livestock, another the crop work, and maybe another the machinery management. Dad is confident enough of the children's abilities to share decision making and be a partner — not a dictator.

I suppose it is part of Dad's dream here that the kids may someday be interested in continuing what we have begun. If that ever occurs, I pray we may be given the wisdom, the communication skills and the sense of humor to do our part and more to make it work.

And to all you fathers who have already done so, you have our respect, admiration and special congratulations on this Father's Day.

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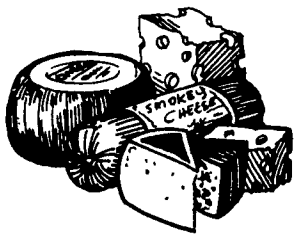
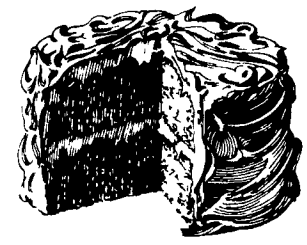


Home On The Range



Dairy Ingredients Add Up To Scrumptious Desserts

Ask anyone with a sweet tooth which part of a meal is their favorite and they are sure to answer — DESSERT!

And some of the most luscious desserts feature fresh dairy ingredients. There are creamy custard pies, smooth refreshing ice cream, and thick, rich cheesecake to name just a few.

In addition to their great taste, dairy desserts offer essential vitamins and calcium needed for a healthy body.

To those who shared dairy dessert recipes Lancaster Farming extends a hearty thank you! We're sure others will enjoy serving dairy desserts this week and in the weeks to come.

You still have time to share a dairy recipe with us. Just write your recipe on a card or sheet of paper along with your name and address and send it to Sue Keene, Lancaster Farming, P.O. Box 366, Lititz, PA 17543. We'll send a gift your way to thank you for your recipe.

NEOPOLITAN ICE CREAM CAKE

12 ladyfingers, split in half (1 package)
1 pint strawberry ice cream, softened
1 pint vanilla ice cream, softened
1 pint chocolate ice cream, softened
Sweetened whipped cream
Chocolate curls
Chocolate sauce

Place a 2-quart mold or mixing bowl in freezer at least 30 minutes. Line bottom and sides of chilled mold with ladyfingers. Return to freezer for 30 minutes. Spread strawberry ice cream in bottom of lined mold. Return to freezer until firm. Repeat with vanilla and chocolate ice creams. Freeze several hours or overnight. To serve, unmold by dipping briefly into cool water and loosening rim with small spatula; invert onto chilled serving plate. Decorate with whipped cream piped through a fluted pastry tube and chocolate curls. Spoon chocolate sauce over each serving.

CUSTARD PIES

2 eggs, well beaten
Add:
½ cup sugar
1 tablespoon flour
Scant 2 cups milk
A little salt and vanilla

Bake at 425°F. for 15 minutes, at 375°F. for 15 minutes and at 350°F. for 15 minutes. Makes two 8-inch pies.

Lillian Smucker
Lykens

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Crust:
1 cup zweiback crumbs
6 tablespoons butter, melted
⅓ cup sugar
⅓ cup flaked coconut
Filling:
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2 pints vanilla ice cream, softened
1 cup sliced peaches, chilled
Sauce:
1 10-ounce package frozen raspberries, thawed
½ cup sugar
2 tablespoons cornstarch
1 tablespoon fresh lemon juice

Preheat oven to 350°F. For crust, combine all ingredients. Press onto bottom and sides of a 9-inch springform pan. Bake 10 to 12 minutes, or until golden. Cool completely on wire rack. Freeze at least 1 hour.

For filling, spread raspberry sherbet in bottom of frozen crust. Return to freezer until firm. Spread vanilla ice cream over sherbet. Freeze several hours or overnight.

Meanwhile, for sauce, drain raspberries, reserving liquid. Combine sugar and cornstarch in small saucepan. Combine raspberry liquid and enough water to make 1 cup. Stir into sugar and cornstarch until smooth. Heat to boiling, stirring frequently, until thickened. Cook 2 additional minutes, stirring occasionally. Fold in raspberries and lemon juice. Cool; then refrigerate.

To serve, place springform pan on serving plate. Remove sides of pan; arrange peach slices on top of vanilla ice cream. Drizzle a small amount of raspberry sauce over peaches. Cut into slices. Serve with additional raspberry sauce spooned over each serving.

CHEESECAKE COOKIES

⅓ cup packed brown sugar
½ cup walnuts, chopped
1 cup flour
⅓ cup butter
1 8-ounce package cream cheese
¼ cup sugar
1 egg
1 teaspoon lemon juice
2 tablespoons milk
1 teaspoon vanilla

Mix the brown sugar, walnuts and flour. Stir in butter and mix until crumbly. Reserve one cup. Press the rest into an 8-inch square pan and bake in 350°F. oven for 12 to 15 minutes. Beat cheese with sugar. Beat in egg. Add the lemon juice, milk and vanilla. Blend. Pour onto baked crust, top with reserved crumbs. Bake 25 minutes. Cool and chill.

Verna L. Fisher
Willow Street

Enjoy easily-made Neapolitan Ice Cream Cake and Peach Melba Ice Cream Cake.

CUSTARD PIE

Crust:
Crush 1 package graham crackers until fine with rolling pin. Pour into pie plate. Melt 1 stick butter. Add to crackers and mix well. Crush flat with another pie pan.
Filling:
2 tablespoons butter
¼ cup cornstarch
¾ cup sugar
½ teaspon salt
2 cups milk
2 egg yolks, slightly beaten
1 teaspoon vanilla

Melt butter. Blend in cornstarch, sugar and salt. Add milk slowly. Heat to boiling over direct heat. Stir in slightly beaten egg. Return to heat to cook for 2 minutes. Stir constantly. Add vanilla. Pour into crust. Beat egg whites, add 2 tablespoons sugar and put on pie for meringue. Brown in 400°F. oven for 5 minutes.

Barb Allsopp
SummerHill

LEMON CHEESECAKE

28 graham crackers, crushed
¼ cup ground nuts, optional
½ cup melted butter
1 3-ounce package lemon-flavored gelatin
1 cup boiling water
1 8-ounce package cream cheese
1 cup granulated sugar
1 teaspoon vanilla

Mix first 3 ingredients together and spread in bottom of an oblong pan. Pat down firmly, leaving a few crumbs to sprinkle on top. Mix gelatin in boiling water and allow to cool while you cream the cream cheese, sugar and vanilla. Add gelatin mixture and blend 2 minutes more. Whip 1 large can condensed or evaporated milk, add to cream mixture. Spread over crumbs. Sprinkle remaining crumbs on top. Chill for several hours.

Note: We use 1 cup cream instead of evaporated milk. Whip and follow as recipe indicates.

Christine Rudolph
New Oxford

MEXICAN WEDDING CAKES

1 cup butter
¾ cup confectioner's sugar
2 cups flour
1 teaspoon vanilla
1 cup chopped pecans

Mix ingredients in order given. Roll by hand into small balls about ¾ inches in diameter. Place on baking sheet. Bake at 325°F. for about 30 minutes. Roll in confectioner's sugar while hot. Repeat when cool. Makes about 3 dozen.

Jeanette Musser
Myerstown

CHOCOLATE CARAMELS

2 cups brown sugar
½ cup molasses
½ cup sweet cream
4 tablespoons melted butter
4 tablespoons cocoa

Boil together for 15 minutes or soft-ball stage. Pour into buttered cake pan. When cold, crack into pieces.

Mrs. Carl Martin
Marion

(Turn to Page B8)

Recipe Topics

If you have recipes for the topics listed below, please share them with us. We welcome your recipes, but ask that you include accurate measurements, a complete list of ingredients and clear instructions with each recipe you submit. Send your recipes to Sue Keene, Lancaster Farming, P.O. Box 366, Lititz, PA 17543.

June 21-28-	Dairy Dinners
	Puddings and Custards
July 5-	Picnic Foods

Featured Recipe

Cheesecake ranks with apple pie as the number one dessert in the United States according to a 1984 survey by the Gallup Organization. This rich, creamy dessert, is prepared from fresh cheese combined with milk, eggs and flavorings.

The cheesecake recipe featured below is from the country kitchen of Donna Myers, whose husband is featured in a story in this week's issue. Myers baked the cake for a fund-raiser; the high bid was $95.

Cheesecake

Crust:
1 cup flour
¼ cup sugar
1 teaspoon grated lemon peel
½ teaspoon vanilla
1 egg yolk
¼ cup soft butter

In medium bowl, combine flour, sugar, lemon peel and vanilla. Make a well in the center. Add egg yolk and butter. Mix with fingertips until dough cleans side of bowl. Form the dough into a ball and wrap in waxed paper. Refrigerate one hour. Preheat oven to 400°F. Grease bottom and sides of a 9-inch spring form pan. Remove the sides from the pan. Roll ⅓ of the dough on bottom of pan. Trim the edges. Bake 8 to 10 minutes or until golden. Meanwhile, divide the rest of the dough into 3 parts. Roll each part into a strip 2½ inches wide and about 10 inches long. Put together spring form pan with baked crust on the bottom. Fit the dough strips to the side of the pan, joining the ends to line the inside completely. Trim the dough so that it comes only ¾ of the way up the side of pan. Refrigerate until ready to fill.

Filling:
5 8-ounce packages soft cream cheese
1¾ cups sugar
3 tablespoons flour
1½ teaspoons grated lemon peel
1½ teaspoons grated orange peel
¼ teaspoon vanilla
5 eggs
2 egg yolks
¼ cup dairy cream

Preheat oven to 500°F. In a large mixer bowl, combine cheese, sugar, flour, lemon and orange peels and vanilla. Beat at high speed to blend. Beat in eggs and yolks, one at a time. Add cream, beating just until well combined. Pour mixture into spring form pan. Bake 10 minutes. Reduce the oven temperature to 250°F. and bake 1 hour longer. Let cheesecake cool in pan on wire rack. Glaze top with red cherry glaze. Refrigerate at least 3 hours.

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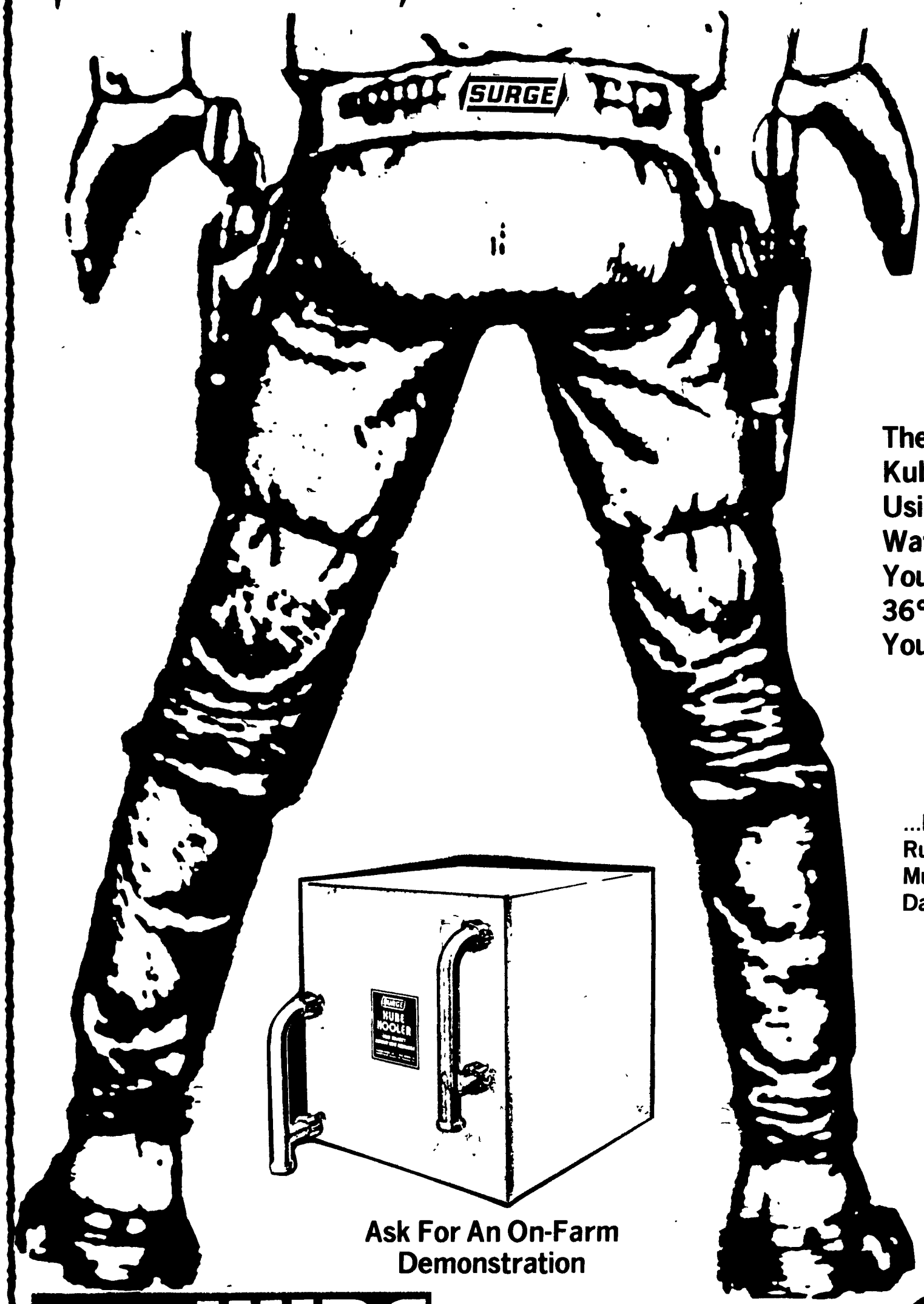

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Cook's Question Corner

If you are looking for a recipe but can't seem to find it anywhere, send your recipe request to Cook's Question Corner, care of Lancaster Farming, P.O. Box 366, Lititz, Pa. 17543. There's no need to send a SASE. If we receive an answer to your question, we will publish it as soon as possible.

Answers to recipe requests should be sent to the same address.

QUESTION - Anne Nolt, Reinholds, would like a recipe for thick-and-chewy pizza.

QUESTION - Barbara Gougler, Covington, would like recipes made with Nutri-Sweet. She is especially interested in recipes for cakes and desserts.

QUESTION - Mrs. Charles Shively, Newville, would like a recipe for soft molasses oatmeal cookies.

QUESTION - Mrs. Samuel Fisher, Ronks, would like a recipe for corn chips.

ANSWER - Gloria Sweigart, Manheim, requested a recipe for homemade ice cream that is not cooked and does not use condensed milk. Thanks go to Ruth Hostetler, Selinsgrove, for the instant pudding ice cream recipe; to Mrs. Lester Newswanger, Shippensburg, for her homemade ice cream recipe; and to Anne Nolt, Reinholds, for her Six "Three's" Ice Cream recipe. Thanks also to all the other readers who shared their recipes.

Homemade Ice Cream

Beat together:
3 eggs
½ to ¾ cups granulated sugar
Add:
1½ cups heavy cream
1½ teaspoons vanilla
1 quart milk

Pour into an ice-cream maker and churn until finished. Serve with desired toppings.

Instant Pudding Ice Cream

1 box instant pudding mix
2 cups sugar
3 eggs, beaten
4 cups cream
2 tablespoons vanilla

Mix together well. Add enough milk to fill a 1-gallon freezer

Six "Three's" Ice Cream

3 cups milk
Juice of 3 lemons
3 cups cream
Juice of 3 oranges
3 cups of sugar
3 bananas, mashed

Combine the milk, cream and sugar. Stir until the sugar is dissolved. Place in an ice cream freezer. Freeze until thoroughly chilled and of a mushy consistency. Add the fruit juices and the mashed bananas. Continue freezing until firm. Remove the dasher and pack in salt and ice for several hours. This makes about 1 gallon.

Dairy Desserts

(Continued from Page B6)

SOUR CREAM SPICE CAKE

½ cup shortening
2 cups brown sugar
3 egg yolks, beaten
1 cup sour cream
1 teaspoon vanilla
1 teaspoon soda
2 teaspoons cinnamon
1 teaspoon cloves
1 teaspoon allspice
1¾ cups flour sifted with
½ teaspoon salt

Cream shortening, add sugar and egg yolks and beat well. Add flour, soda and spices. Add sour cream and beat well. Add vanilla and fold into stiffly beaten egg whites. Bake in greased 8-inch layer pans or a long cake pan for 25 minutes at 350°F.

Mrs. Sam B. Stoltzfus
Gap

(Turn to Page B9)

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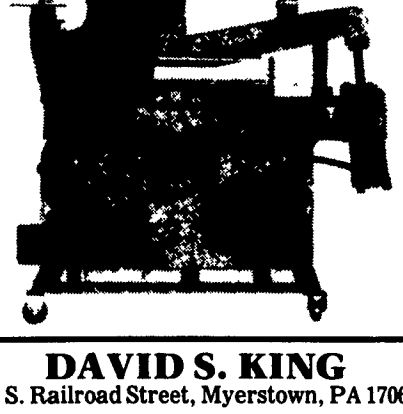

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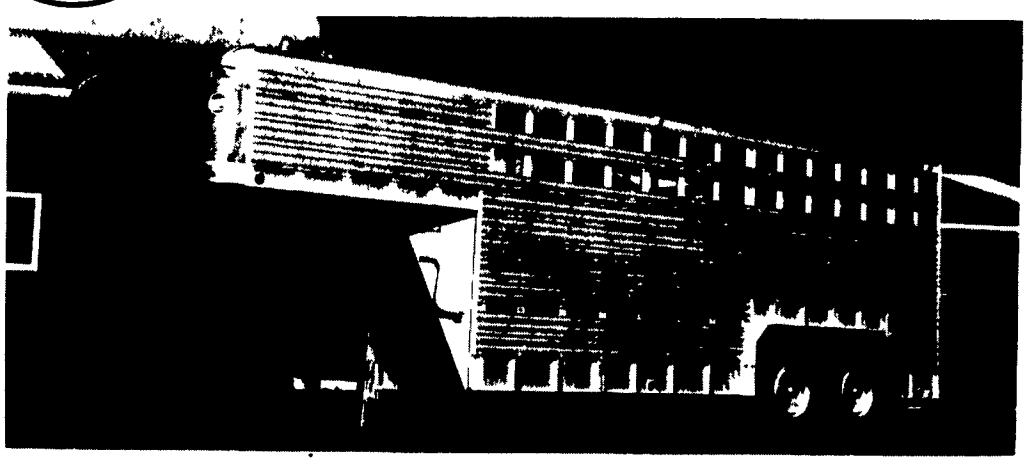

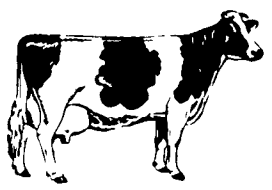

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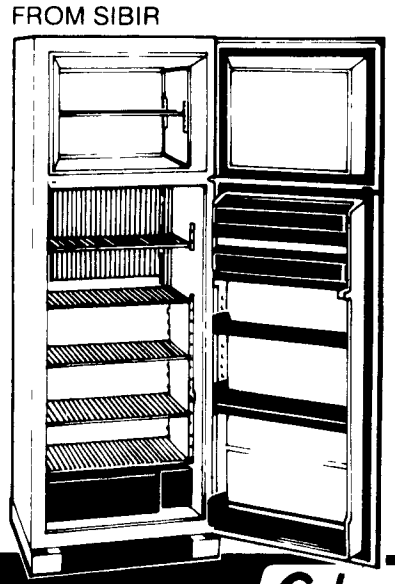

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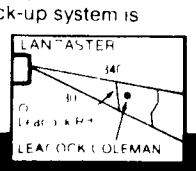

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Dairy Desserts

(Continued from Page B8)

CHOCOLATE CHIP CHEESECAKE

1½ cups finely crushed chocolate sandwich cookies
¼ cup butter, melted
3 8-ounce packages cream cheese, softened
1 14-ounce can sweetened condensed milk (NOT evaporated)
3 eggs
2 teaspoons vanilla extract
1 cup mint chocolate chips
1 teaspoon flour

Preheat oven to 300°F. Combine cookies and butter, press firmly into 2 9-inch pie pans. In large mixer bowl, beat cheese until fluffy. Add condensed milk and beat until smooth. Add eggs and vanilla, mix well. In small bowl, toss together ½ cup chocolate chips with flour to coat. Stir into cheese mixture. Pour into prepared pans. Sprinkle remaining chocolate chips evenly over top. Bake for 55 t0 60 minutes or until cake springs back when lightly touched. Cool for 2 hours at room temperature.

Topping:
1 pint sour cream
1 teaspoon vanilla
½ cup granulated sugar
Pinch of salt

This mixtue is thin. Pour over cake and bake at 325°F. for 15 minutes.

Graham cracker crust may be used instead of cookies and chocolate chips omitted.

Verna L. Fisher
Willow Street

FROZEN BERRY FLUFF

2 cups graham cracker crumbs
¼ pound butter
2 egg whites
1⅓ cups sugar
1 cup heavy cream, whipped
1 tablespoon vanilla
2 cups fresh berries

Mix crumbs and butter. Press into buttered pan. Bake at 250°F. for 8 minutes. Beat egg whites and vanilla slightly in bowl; gradually beat in sugar and berries. Beat at high speed for 12 to 15 minutes, until fluffy. Fold in whipped cream. Spread over crumb crust. Freeze overnight and cut into squares.

Mrs. Samuel G. Fisher
Ronks

BUTTERMILK COOKIES

2 cups brown sugar
2 cups butter
3 eggs
1 cup buttermilk
1 teaspoon vanilla
1 tablespoon soda
1 tablespoon baking powder
4½ to 5 cups flour

Cream brown sugar and butter well. Add eggs and beat again. Add remaining ingredients. Drop by rounded teaspoons on cookie sheet. Bake at 350°F. for 8 to 10 minutes. Frost with your favorite frosting.

Doris Martin
New Holland

CHERRY CHEESECAKE

2 8-ounce packages cream cheese, softened
3 eggs
⅔ cup sugar

Mix and bake at 350°F. for 30 minutes (in pie plate). Cool 15 minutes. Mix:
1 cup sour cream
3 tablespoons sugar
1 teaspoon vanilla

Spread on top of cooled cheesecake. Bake at 325°F. for 10 minutes. Cool and top with 1 can cherry pie filling.

Elaine Wive
Spring Grove

SOUR CREAM ORANGE COOKIES

½ cup butter
1½ cups brown sugar
2 eggs
1 teaspoon vanilla
1 teaspoon baking soda
2¼ cups flour
1 teaspoon salt
1 cup sour cream

Cream butter and sugar; add eggs and vanilla. Add sifted dry ingredients alternately with sour cream. Blend well. Drop by teaspoonsful onto greased cookie sheet. Bake at 350°F. for 10 to 12 minutes. Frost with Creamy Orange Frosting.

Creamy Orange Frosting

Combine 2 cups confectioner's sugar, 1 teaspoon vanilla, 2 tablespoons butter, and 1 teaspoon orange rind, grated. Blend in 1 to 3 tablespoons orange juice to spreading consistency.

Tami Lapp
Port Allegany

SOUR CREAM COFFEE CAKE

1½ cups sugar
¾ cup butter, softened
3 eggs
1½ teaspoons vanilla
1½ cups sour cream
3 cups flour (half whole wheat can be used)
1½ teaspoons baking soda
1½ teaspoons baking powder
¾ teaspoon salt

Beat first five ingredients well, scraping bowl often. Add dry ingredients. Grease 10x4-inch tube pan or 2 9x5x3-inch pans. Alternate thin layers of batter with filling. Bake at 350°F. for 1 hour. Cool slightly before removing from pans.

Filling:
¾ cup brown sugar
¾ cup walnuts or pecans, chopped
1½ teaspoons cinnamon

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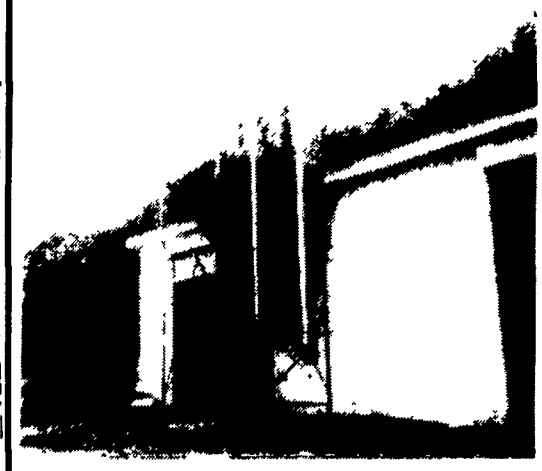

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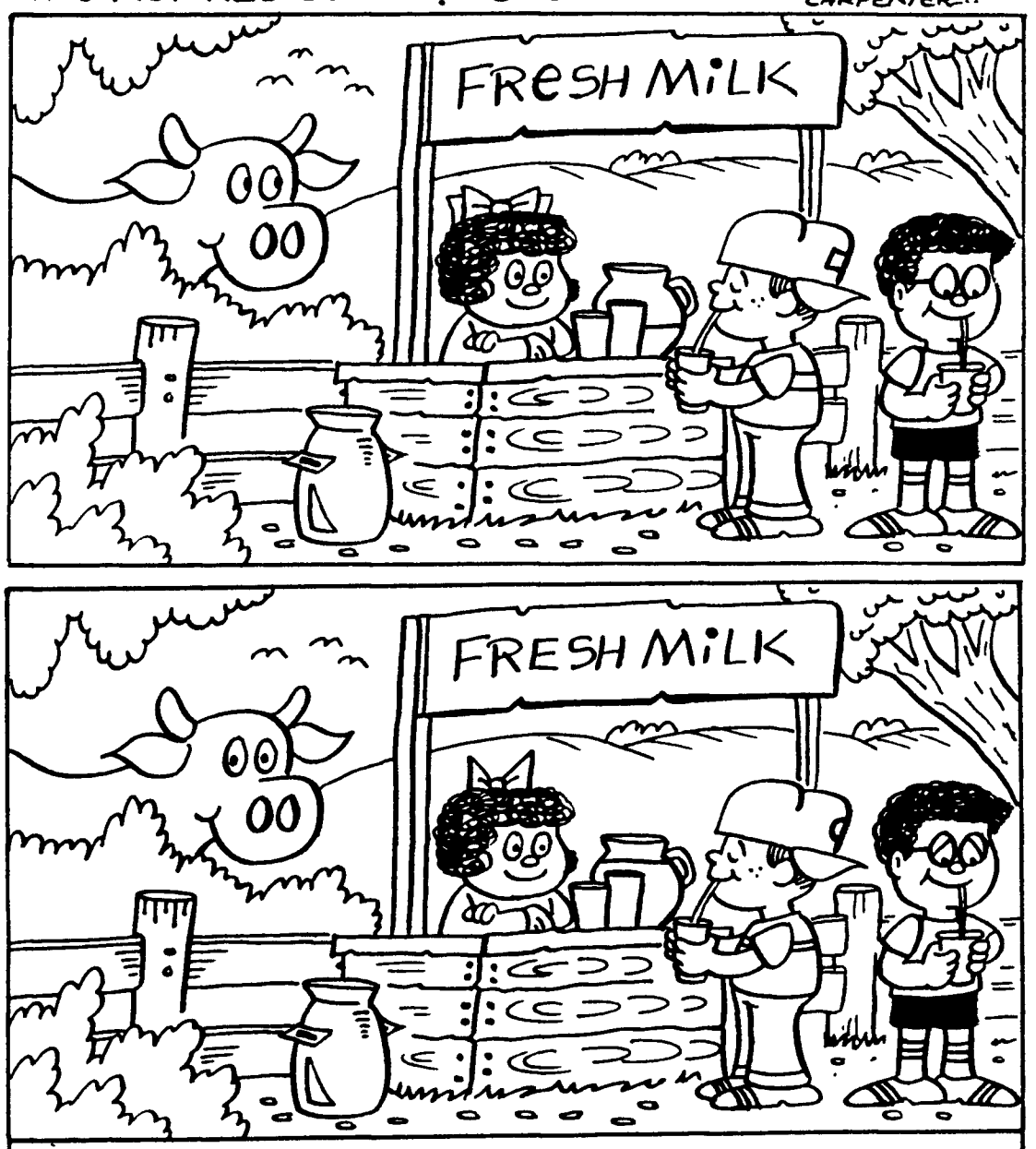
CAN YOU FIND THE '10' DIFFERENCES BETWEEN THE TWO PICTURES BELOW? GOOD LUCK! BY DAVE CARPENTER..



ANSWERS: 1.) NUMBER OF BIRDS 2.) BADGE ON HAT 3.) COW'S EYES 4.) STRIPES ON BOY'S SHIRT 5.) MILK IN PITCHER 6.) GRAIN ON FENCE POST 7.) RIBBON IN GIRL'S HAIR 8.) BOY'S SOCKS 9.) 'E' ON 'FRESH' 10.) BOY'S EYES.

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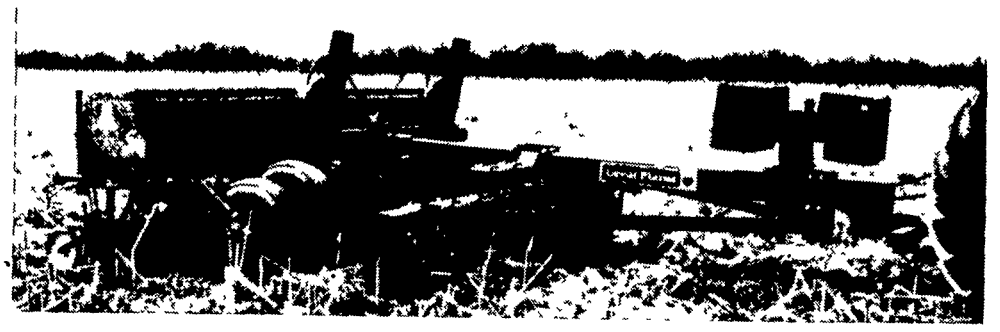

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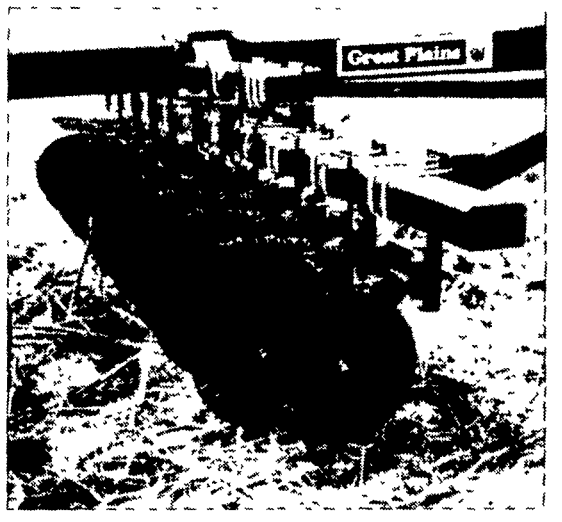

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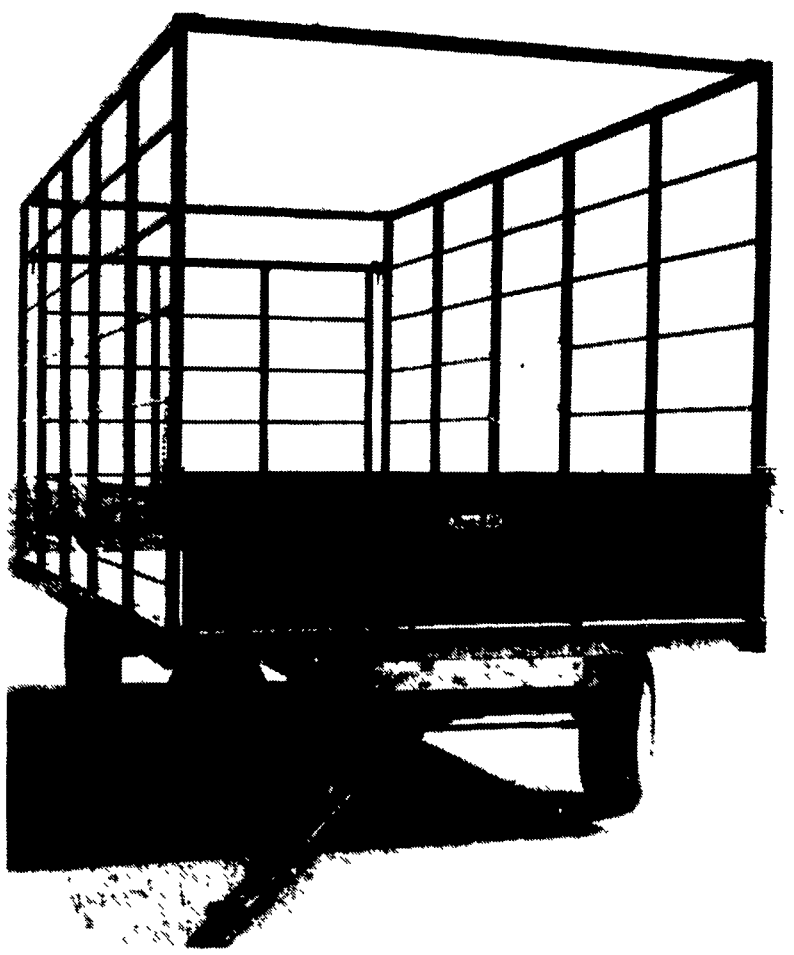

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Five to Compete in Lebanon County Dairy Princess Contest

ANNVILLE — In celebration of June Dairy Month, the Lebanon County Milk Promotion Committee is sponsoring the 1986 Lebanon County Dairy Princess Contest.

This year's contest will be held June 14 at 7:30 p.m. in the Annville Elementary School. Five Lebanon County girls will be participating.

To be eligible to compete for the title of dairy princess, a girl must be the daughter of a dairy farmer, dairy farm manager or herdsmen, be employed on a dairy farm herself, or at least two dairy animals. This year's contestants are Susan Elliott, Kelly Heisey, Heather Hernley, Tammy Lasher, and Shelby Martin.

Susan Elliott, 16, is the daughter of Mr. and Mrs. Richard Elliott, R.D.#4, Lebanon. She has completed her junior year at Annville-Cleona High School where she participates in FFA, field hockey, the Varsity Club, National Honor Society, Chorus, Chorale, Madrigal Singers, SADD, the school musical and speech contests.

Susan also is active in the NoSoAnn 4-H Dairy Club and the youth group at Fontana Christian Fellowship. Future plans include attending college to major in Early Childhood Education. The Elliott's have a herd of 35 Holstein cows on their 74 acre farm.

Kelly Heisey, 17, daughter of Mr. and Mrs. Mark Heisey, Jr., recently graduated from Cedar Crest High School. Her school activities include National Honor Society, Key Club, Pep Club, Astronomy Club, Soccer Club, chorus pianist and was named the Outstanding Senior in 4-H Club and to Who's Who in American Students.

Kelly is vice president of the Lebanon County 4-H Livestock Club, a member of the 4-H Board of Directors and attends Midway Church of the Brethren where she sings in the youth choir, accompanies the junior choir and is assistant church organist.

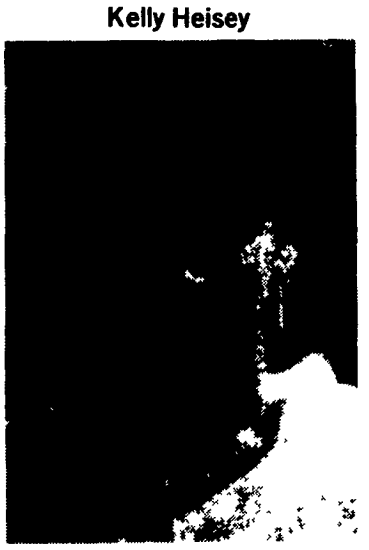
Kelly plans on attending Thompson Institute to pursue a career as a medical secretary. The Heisey's recently dispersed of their herd of Holstein cows. They raise corn and hay on their 153 acre farm.

Heather Hernley, 20, is the daughter of Mr. and Mrs. Delmas Hernley, R.D.#2, Lebanon. A 1984 graduate of Northern Lebanon High School, she is planning to attend Delaware Valley College to study Dairy Husbandry.

While in high school, Heather was active in the band and FFA holding the offices of secretary, vice president and county reporter. She also is a member of the Norlebco 4-H Dairy Club, the Fredericksburg Legion Auxiliary, Fredericksville Fire Company Auxiliary, and St. John's Lutheran Church where she is in the choir and youth group.

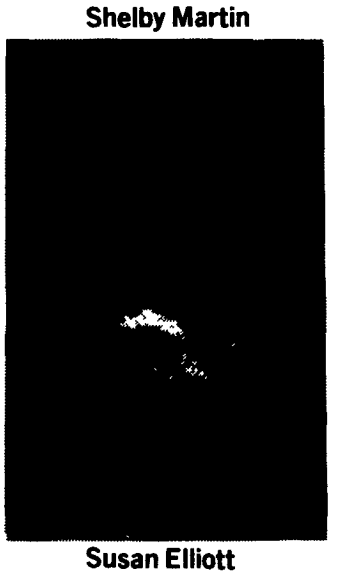
Kelly Heisey

Heather Hernley



Tammy Lasher

Shelby Martin



Susan Elliott

In 1984, Heather was named Outstanding Ayrshire Girl in Pennsylvania and placed second in the national contest. She is presently employed by Darkes' Greenhouses. The Hernley's have a herd of 42 Ayrshire and Holstein cows on their 66 acre farm.

Tammy Lasher, 18, is the daughter of Mr. and Mrs. Thomas Lasher, R.D.#4, Lebanon. Tammy is a 1986 graduate of Annville-Cleona High School and is employed on the dairy farm of Kenneth Mase. While in high school she was a FFA member and is a Sunday School teacher and involved in the youth group at Fontana Christian Fellowship.

Shelby Martin, 17, is the daughter of Mr. and Mrs. Walter Martin, 39 Golf Rd., Myerstown. She has just completed her junior year at Eastern Lebanon County High School where she is a member of the FHA and FBLA.

Shelby is considering attending a two-year business school after graduation. She attends Gingrich Mennonite Church. The Martin's milk 70 Holstein cows on their 260 acre farm.

The current reigning dairy princess is Miss Tonya Johnson, daughter of Jane Showers, 143 Spruce Park, Lebanon. Throughout the past year, Tonya has been promoting the dairy industry throughout the county by means of speaking engagements, school presentations and radio spots. She has promoted the industry at supermarkets and shopping centers and through literature distribution.

Mrs. Barbara Lentz is the chairman of the Lebanon Couty Milk Promotion Committee. The public is invited to view the dairy princess contest which will conclude with "make your own sundae bar."

Sullivan Co. Dairy Princess Contest Set For June 21

DUSHORE — Two contestants will compete for the Sullivan County dairy princess title June 21 during the dairy princess parade to be held at 7:15 p.m. in downtown Dushore.

The contestants are CherieLynn Brown and Lynn Hembury.

CherieLynn Brown is the 16-year-old daughter of Mr. and Mrs. Jerrod Brown of Shunk. She has completed her junior year at Sullivan County High School and has been in 4-H and Girl Scouts.

Both CherieLynn and her older brother, Richard, help with the farm work on their parents' farm. The Browns have a mixed herd of registered and grade Holsteins. The main crops are corn, oats and hay.

Lynn Hembury is the daughter of Mr. and Mrs. Roland Hembury, Dushore. She has three older brothers, two of whom work on the farm, and a younger sister.

Lynn, 16, has completed her junior year at Sullivan County High School. She was vice-president of the junior class. Her other activities are band, cheerleading and 4-H.

The Hemburys have a registered Holstein herd of 120 cows on test and a replacement herd of about 130 animals. They farm about 450 acres. The main crops are corn and alfalfa.

During March and April a theme contest for the 1986 parade was held. The winning theme "Sullivan County Milk Does it All," was submitted by Joann Wilstie of Eagles Mere.

Another event planned to honor dairy farmers is a Twilight Meeting, to be held June 14 at Tall Spruce Farm, R1 Forksville. The farm is owned by the parents of the 1985 Dairy Princess, Mr. and Mrs. Richard Higley.

The meeting, co-sponsored by the June Dairy Month Committee and SIRE Power, offers the public a chance to visit a working dairy farm.

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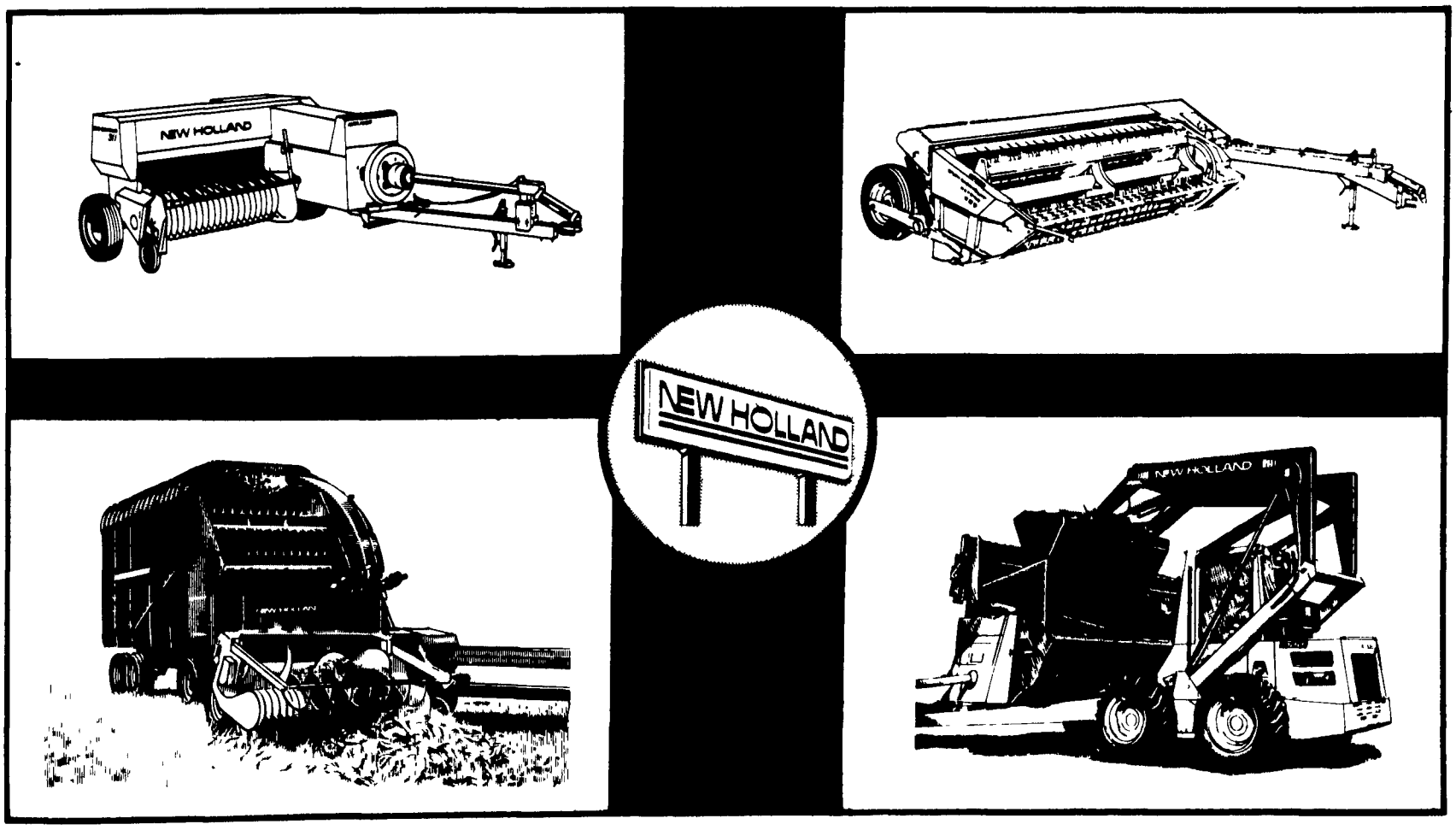


SEE THESE DEALERS FOR COMPLETE DETAILS!

Carroll Co. Dairy Princess Has a 'Mighty' Message for Maryland

BY SHARON B. SCHUSTER
Maryland Correspondent

WESTMINSTER, MD — "My job is to rescue the world from their nasty eating habits and save the day with milk." That's the message that 17-year-old Nancy Powel, masquerading as "Mighty Milk," brought to the audience at the Carroll County, Maryland Dairy Princess contest. Her skit, entitled "The Adventures of Mighty Milk," was just one vehicle for the new Carroll County Dairy Princess to demonstrate her knowledge of the dairy industry.

Powel competed with Tonna Caple and Karen Weant for the 1986-87 reign. Judges Vernon Marshall, vo-ag instructor at Walkersville High School, and Carole Doody, partner in a Johnsville dairy operation, said it was a "tough decision."

In response to the fishbowl question, "In the education field, what do you think is the best way to get the word across about milk?", Powel exhibited confidence and poise. She said the best method for conveying the message is "through a combination of educational and fun activities with children. Also, the Real Seal has been helpful with adults when shopping for real dairy products..."

Carroll County Dairy Princess Nancy Powel stresses the importance of getting the message to children when promoting milk.

The daughter of William and Becky Powel, she is no newcomer to the dairy way of life. She resides on a 288-acre dairy/poultry farm called "Crookabout" in Union Bridge, and helps milk the 130 Guernsey and Holstein cows. The senior at McDonogh School serves as president of the Carroll County Dairy Club and captain of the 4-H Dairy Bowl team. She was 1985 Carroll County Farm Queen and Maryland Guernsey Queen. Powel was a member of the 1985 Dairy Bowl team that went to Connecticut, and the Maryland Dairy Judging team that won in Harrisburg and Madison, Wisconsin.

Making it a family tradition, Powel will travel to Scotland as a member of the Maryland Dairy Judging team which is scheduled to represent the United States in international youth competition at the Royal Highland Livestock Show on June 18. Her father, who was the state champion 4-H dairy cattle judge in 1954, also traveled to Europe as part of the team representing the U.S.

Outgoing princess, Kris Eckard, made her last toast with a goblet of milk, and relinquished her crown to Powel. Powel said, "I hope I can do as good a job as Kris did."

Five to Compete For Lycoming County Dairy Princess Title

MUNCY — Five young women will compete for the title of Lycoming County Dairy Princess. The Dairy Princess Pageant will be held at 7:30 p.m. on Friday, June 20, at the Lycoming Mall, Muncy.

The contestants are: Becky Hipple, 17, daughter of Mr. and Mrs. Jack Hipple, Trout Run; LuAnn Marshall, 18, daughter of Mr. and Mrs. Eugene Marshall, R.D. 4, Jersey Shore; Shelley Lynn Sechrist, 16, daughter of Mr. and Mrs. Ernest Sechrist, Cogan Station; Lynette Ulmer, 17, daughter of Mr. and Mrs. Philip Ulmer, R.D. 2, Linden; and Marilyn J. Kiess, 17 daughter of Mr. and Mrs. Dale Kiess, R.D. 3, Jersey Shore.

The Lycoming County Dairy Princess Committee will present the former dairy princesses at the beginning of the pageant and honor them for a job well done. The years represented will be 1976 through 1985.

The current princess, Linda Heck, will be giving her final fairwell as part of the program and will crown the 1986 dairy princess.

This year is the celebration of 50 years that June has been designated as Dairy Month. The dairy industry has come a long way in 50 years, not only in promotions but also in production of milk and the creation of many new dairy products.

The Dairy Princess Program has been a fairly new promotion idea, but a very effective one. We salute all Dairy Princesses, past, present and future.

PFA Slates 'Ladies Day Out' In Altoona

YORK — York area farm women are invited to join a bus excursion July 9 to the statewide Ladies Day Out in Altoona, sponsored by the Pennsylvania Farmers Association.

The Women's Committee of the York County Farmers Association is planning the trip to the program at the Jaffa Mosque in Altoona.

Featured speaker of the day is radio and television personality Virginia Graham. The program theme, "Hats Off To The Lady," focuses on a salute to the refurbishing of the Statue of Liberty, with a statue momento to be given each woman attending.

Participants are invited to dress for the historical salute with ethnic costumes and/or appropriate hats.

Tickets for the program and the York-sponsored bus trip are available only in advance, at the cost of $28, inclusive for the bus and luncheon. Women interested in more information on the Ladies Day Out bus trip are asked to contact Pat Sueck, 862-3486, or Kay Taylor, 862-3453.

Sue Crow, Maryland Correspondent

Sue Crow

Elizabeth Crow, or Sue as she is better known, of Kennedyville, Maryland, will become a corresponding reporter for Maryland for the Lancaster Farming. Sue and her husband Roy are parents of three sons, Karl 5, Robbie 3, and R.J. 1.

They are currently milking 55 cows on 125 acres which they rent from Roy's parents, Robert and Helen Crow. They have a rolling herd average of 19,500 pounds of milk and 725 pounds of fat with a B.A.A. of 102.

In 1983 Roy and Sue received the Maryland Outstanding Junior Registered Holstein Breeder Award.

Dairy farming is deep in Sue's roots for she is the daughter of Dr. and Mrs. George F.W. Haenlein. Dr. Haenlein is the dairy specialist for Delaware as well as a professor at the University of Delaware. Her mother's family, the Zeitler's, were well-known Guernsey breeders in Glasgow, Delaware.

Sue is a 1978 graduate of the University of Delaware in retail management. After graduation, she worked as a salesmanager for Bambergers Men's Department, before marrying Roy in 1980.

In addition to being a full time mother, Sue enjoys gardening, flowers, and the pursuit of antiques. She is also active in many activities, such as serving as a vestry person at their church, on the local board of directors for the county Holstein club, co-editor for Maryland of the **Southeastern News.**

Roy and Sue represented Agway in 1980 at the Young Farmer Couples Forum at Agway's annual meeting and were Young Cooperators for Interstate Milk Producers Cooperative in 1982. Later they were nominated to serve on the Young Cooperators Consulting Committee for 3 years. They are presently a Pennsylvania Association of Farmer Cooperatives leader couple.

Maryland Dairymen Celebrate Dairy Month

BY SUE CROW
Maryland Correspondent

KENNEDYVILLE, Md. — June being dairy month, the promotion of milk comes in a variety of forms. From Cal Ripkin and Coach John Thompson milk posters to giant ice cream sundaes.

In Maryland, they promote milk in a different way.

Two years ago some Washington County dairy farmers and the Dairy Princess Committee got together with the hopes of creating something to help promote milk to the urban segment of consumers. An idea to make a cow that milked was formulated by JoAnna Calimer and the idea took off.

JoAnna measured one of her own cows at home and with the help of the committee, a cow, 7/8's in scale to the life size model, was born.

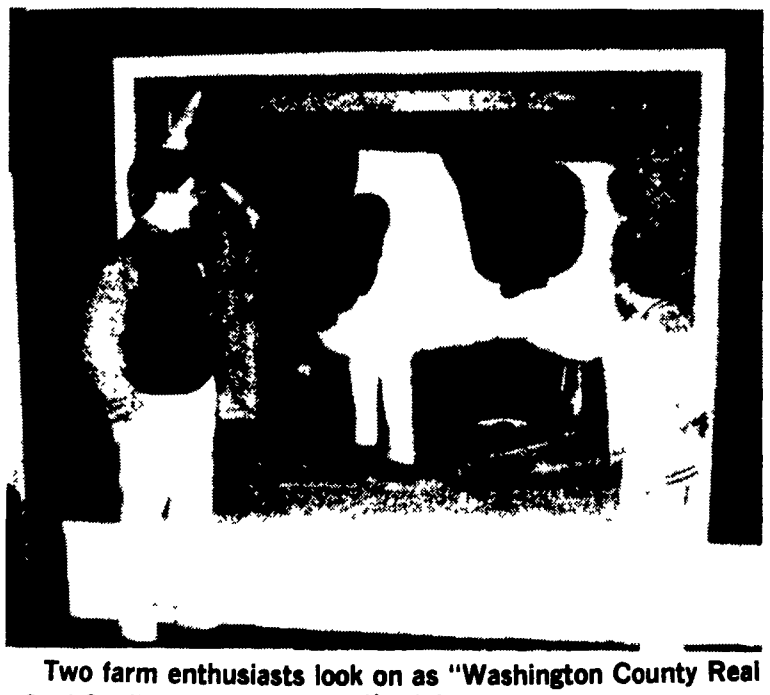
Bonnie and Jim Weddle created her frame out of PVC pipe, used wooden felloes for ribs, chicken wire for the shell, a board for her top line, and newspaper for her organs. Four nipple bottles served as the teats with cotton stuffing to fill out the udder.

Thelma Mellott and Betty Byers took on the task of sewing the velour to make her fur.

For six weeks, dairy farmers from all breeds came together on this one project. When she was finished she was a beauty. As Roy Byers said, "With that straight top line, she could easily score 85 points!"

Charles and Joe Frey had the challenge of making the mechanics of this operation. After repeated failures with many liquid recipes, cold watered down milk was finally used to make her perform correctly.

The final task was a name. They took her to the Valley Mall in Hagerstown and ran a contest, with over 400 entries filed. The final selection was "Washington County Real Seal Sue."



Two farm enthusiasts look on as "Washington County Real Seal Sue" performs her routine job of milk promotion.

Sue has been all over the state of Maryland from breed association meetings, conventions, fairs, parades, shopping malls and even as far south as Richmond, Va.

Real Seal Sue is actively pursuing her task of promoting milk as she has since her conception.

Roy Byers is her caretaker and she makes her home in one of the bedrooms in his 14 bedroom farm house.

Washington County dairy farmers are very interested in selling or trading her so that she may benefit other areas that do not know her. She has been an excellent marketing promotion. Anyone interested in Real Seal Sue may contact Roy Byers at 301-582-1752.

The Maryland State Holstein Association is very actively promoting milk this month. "T" shirts have been made with a cow holding a milk carton and asking, "Have you had your calcium today."

The promotion committee has also come up with place mats that proclaim June as Dairy Month. Dairy products are presented in a appealing manner while a herd of cows looks on from the side stating, "365 days a year, we deliver!" These have been promoted in restaurants and other food establishments.

A Maryland Dairy-licious Recipe Contest is in the making with the winners to be announced at the State Fair in September.

Ida's Notebook

Ida Risser

Last week I thought that I had something figured out, but now I'm not too sure. You see, every time that I am outside working up a sweat, my tiger cat lays in the shade and watches me. That is unless I'm picking peas or strawberries and then she lays down in front of me so that I must ask her to move continually. When I finally get tired of her and use a stern voice, she will run and lay under the hemlock tree.

Anyway, I figured she was very smart to just relax and rest while I weeded the garden and planted seeds. No wonder they say a cat has nine lives — they take care of themselves!

But then several of our children came home for Memorial Day weekend and they had no sympathy for my hot job of mowing the yard. In fact, they said that it was good for my health, to get my heart pounding 120 times per minute as I push the mower up our hilly lawn.

So I got to thinking about the people who retire and simply relax in front of the television. Sometimes they don't live as long as those who have a hobby or other interests that keep them on their feet.

I suppose a happy medium lies somewhere between complete retirement and the way my husband, Allen, and I are working. We're both trying to do too much. But, as they say when you have a baby and you are in your forties — it will keep you young.

Farm Vacation Directory Available

HARRISBURG — The 1986 Pennsylvania Farm Vacation Directory is now available from the Pennsylvania Department of Agriculture's Bureau of Marketing Development. The brochure contains photos and descriptions of the 32 family farms participating in the program and a map showing their location.

"Our state's successful farm vacation program offers something for everyone with a taste for the country," — Tom Imswiler, a marketing specialist in the Bureau. "It also has been beneficial to the 32 families in the Pennsylvania Farm Vacation Association."

Vacation rates vary according to meal plans and types of accommodations, all detailed in the directory. Each participating farm has been inspected and approved by the PFVA to ensure satisfaction and safety for vacationers.

To obtain a copy of this year's directory, write to the Pennsylvania Farm Vacation Association, Pa. Department of Agriculture, Bureau of Marketing Development, 2301 North Cameron Street, Harrisburg, PA 17110-9408.

PVFA suggests that vacationers contact farm hosts as soon as possible for reservations and additional information.

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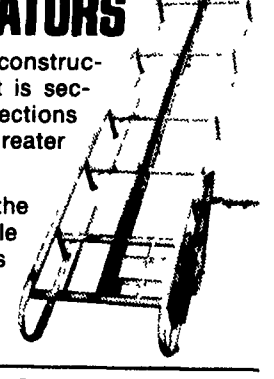

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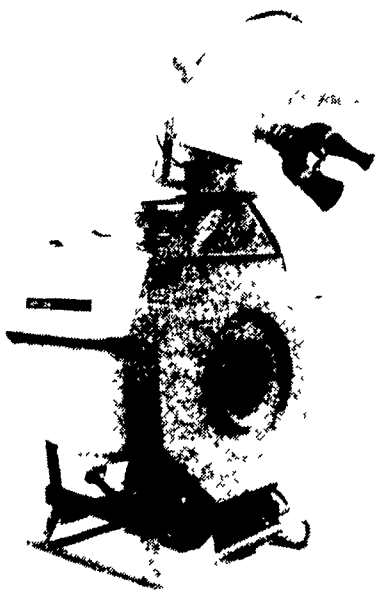

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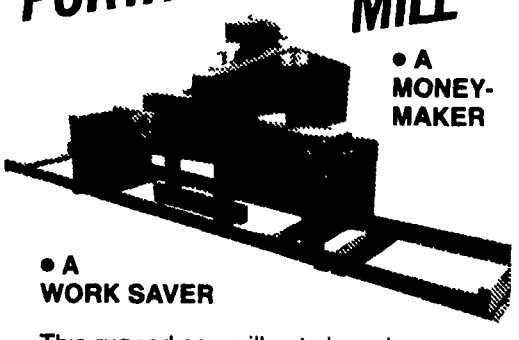

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Cooking Gone 'Afowl'

Delaware Chef Serves Up a Winner with Chicken and Raspberries

GEORGETOWN, Del. — Somewhere there is a group of chefs who a few years ago taught Stephen Abel of Rehoboth Beach, Delaware how to cook for a living. He proved they taught him well by taking first place honors in the 1986 Delmarva Chicken Cooking Contest held at Georgetown, Delaware, a scant 20 minutes up the road from his house.

Mr. Abel's dish, "Roast Chicken and Kiwi with Raspberry Glaze," found favor with a skilled judging panel which had some 26 varied entries to savor and evaluate.

A 1983 graduate of the Culinary Institute of America, Hyde Park, N.Y., Abel is 27 and presently a chef at Kupchick's Restaurant in Lewis Beach, Delaware. Prior to his studies at CIA, Abel studied at the New York Institute of Dietics in New York.

Cooking contests today have evolved into affairs of showmanship as well as cooking and recipe skills and Abel came attired in a formal Chef's uniform and brought along a complete set of cutlery.

His winning dish is of his own invention and employs two chicken halves, salt, pepper, melted butter, kiwi fruit and a glaze using a liberal amount of raspberry preserves with a bit of port wine and grated lemon.

A tall, athletic man, Abel makes up for his indoor work as a chef by engaging in a wide range of outdoor activities including fishing, boating, skiing and scuba diving. He lists as other hobbies cookbooks, his wife and daughter.

He has lived in a number of states and in Belgium, but says he "just loves cooking on Delmarva." His local reputation will no doubt be much enhanced by his triumph in the Delmarva Chicken Cooking Contest which in its 38-year history has seen many contestants and many winners.

As top prize winner, he will soon have the opportunity to sample culinary fare of Hawaii where he will go for an all-expense paid 10-day vacation accompanied by his wife, Evelyn Marie.

Second place honors went to Gloria Piantek of Skillman, New Jersey who proved, besides being an imaginative cook and recipe maker, she is a person of grit. A wrenched back occuring only hours before the contest couldn't prevent her from going through with her appearance. She cooked seated in a wheel chair.

Mrs. Piantek's dish was titled "Fresh Gazpacho Chicken," and utilizes chicken breasts cooked in a spiced mixture of tomatoes, carrots, celery, onions, peppers and cucumbers.

Capturing third place in the contest was Frank Mullin of Washington, D.C. who is no stranger to chicken cooking contests. He competed three times in the National Chicken Cooking Contest and once before (1984) in the Delmarva contest.

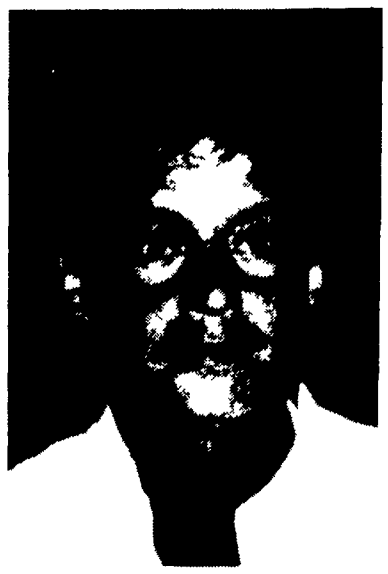
His dish, "Chicken With Cucumbers and Dill," uses skinned and boned chicken breasts prepared in a frying pan. He devised the dish with an emphasis on simplicity.

Cited for honorable mention awards were Alice Cory of King of Prussia, Pa., for her recipe "Curried Chicken Calcutta," and Ann K. Kahan, of Stuart, Va. for her "Steamed Chicken Thai Stir-Fry."

Since the Delmarva Chicken Cooking Contest began in 1949 as the centerpiece of a chicken festival, thousands of recipes have been submitted and hundreds have been cooked by entrants from across the nation. The 1986 contest drew about 3,000 entries.

The contest, sponsored by the Delmarva Poultry Inudstry, Inc. (DPI) as a means of highlighting the versatility of chicken, is now held every two years and is open to residents of 13 states in the Northeast. Entries for the 1988 contest are now being sought. Information can be obtained by writing: "Contest," DPI, R.D. 2, Box 47, Georgetown, DE 19947.

The complete 1986 collection of recipes, including all 26 entered in the contest, is available in booklet form by sending $1.50 to DPI at the above address.



Stephen Abel

First place:

ROAST CHICKEN AND KIWI WITH RASPBERRY GLAZE

2 broiler-fryer chickens, halved
1 teaspoon salt
¼ teaspoon pepper
½ cup butter, melted
4 kiwi fruit, peeled and sliced
Raspberry Glaze: recipe follows

Sprinkle chicken with salt and pepper. Place chicken, skin side up, in single layer in large shallow baking pan. Brush butter over chicken. Bake in 400°F. oven, basting frequently with butter, about 40 minutes or until chicken is fork tender. Spoon glaze over chicken. Top with kiwi slices, using 1 kiwi per half chicken. Return to oven and bake about 3 minutes or until fruit and chicken are well glazed. Makes 4 servings. Per serving: about 1,126 cal., 64 g fat, 83 g protein, 52 g carbohydrate, 1,042 mg sodium, 326 mg cholesterol.

Raspberry Glaze: In saucepan, make glaze by mixing together 1 jar (8 ounces) raspberry preserves, ½ cup white port wine and grated peel of 1 lemon. Simmer about 3 minutes or until slightly thick. Makes about 1½ cups.

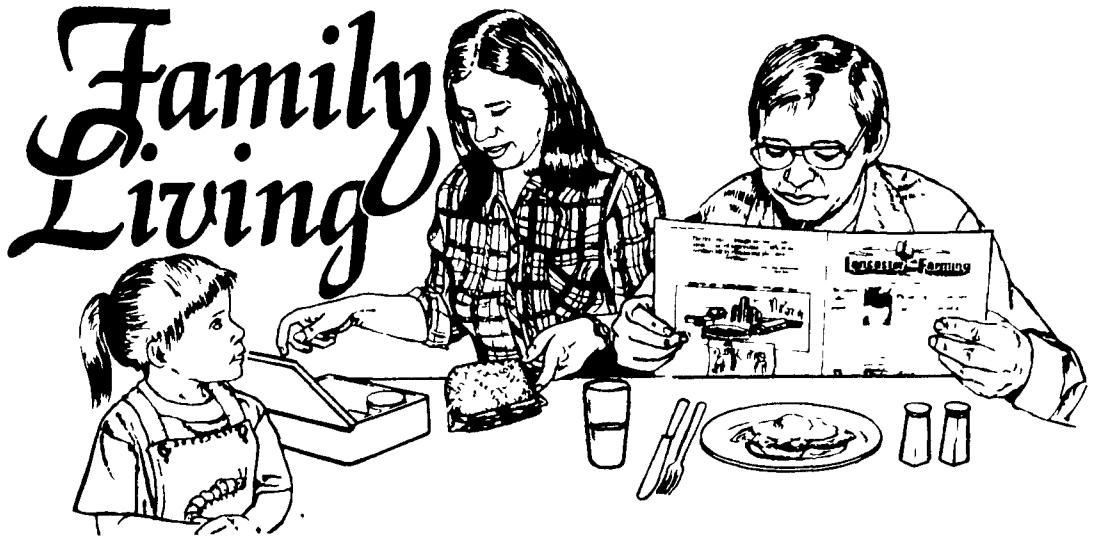
Honorable mention:

CURRIED CHICKEN CALCUTTA

2 whole broiler-fryer chicken breasts, halved, boned, skinned
¼ cup flour
½ teaspoon curry powder
½ teaspoon cinnamon
½ teaspoon ginger
¼ teaspoon garlic powder
¼ cup cooking oil
1 container (8 ounces) plain yogurt
2 tablespoons lime juice
Peel of 1 lime, grated
Peel of 1 lime, cut in strips

In a shallow dish mix together flour, curry powder, cinnamon, ginger and garlic powder. Add chicken, one piece at a time, dredging to coat. In frypan, place oil and heat to medium temperature. Add chicken and cook, turning, about 10 minutes or until brown on all sides. Cook, covered, over low heat 15 minutes longer or until chicken is fork tender. In small saucepan, mix yogurt and lime juice. Cook over low heat, stirring constantly, until just warm. Place chicken on serving platter. Spoon about one half of yogurt sauce over chicken; pass remaining sauce. Sprinkle chicken and sauce with grated lime peel. Garnish with strips of lime peel. Makes 4 servings. Per serving: about 320 cal., 16 g fat, 31 g protein, 11 g carbohydrate, 118 mg sodium, 72 mg cholesterol.

Two Pennsylvanians who fared well in the contest were Alice Cory (left) of King of Prussia, who received Honorable Mention, and Mary Lou Dickerson of Pittsburgh, a finalist with her "Waldorf Chicken Breasts" recipe.



BACK HOME

By Michelle S. Rodgers

Berks Extension Home Economist

Dad's Day

It's Father's Day 1986! It's a day set aside for remembering and celebrating our dads.

And for me . . . that's not difficult at all! You see, I'm already very much like my dad. When I look into the mirror I see that I have his nose (short and pointy, but a nice nose).

And through the years I've come to realize it is his flat feet that I have inherited! I realize, too, that my temperament resembles my father's — a quick temper, a bit of impatience, but the love of a good laugh and I hope I have at least half of the determination and the big heart that he has!

Fathers! No other position in the American family has changed as much as the father has in recent years. Fathers everywhere are being challenged with their role identity. The stereotyped view of the 50's father was the breadwinner who put in hard days at work, came home to eat a hot dinner and then asked for silence while he read the evening newspaper. This is no longer the expected role and certainly wasn't my experience.

We do know that at a very early age the child begins to recognize the differences between genders and learns most about masculinity from the father. By observing our fathers each of us learned about the role of men, the type of jobs they do, and attitudes.

Children of all ages need to spend time with dad. It's by spending time together that children learn that father is something more than a disciplinarian, or policeman, or just the breadwinner! Time spent together with dad helps children see him as a warm and accepting person — a person with feelings.

Summertime offers many opportunities for a father to spend time with his children doing things. A father can develop and deepen the relationship that he has with his child through this time. It also provides an opportunity to communicate, sharing values and interests and opens the lines of communication to discuss problems now and in the future.

In this liberated world we live in, I think a glorious addition would be daddy traditions for everyone! We enjoyed many such traditions. The endless work of farm life meant that many of "our" traditions encompassed farm work . . . but nonetheless provided opportunities to develop a special relationship with Dad.

My senior year in high school I was "promoted" (?) to the morning milking assistant. Every morning, Dad faithfully recited "It's time to get up, Sis!" and we'd make our way to the barn. We didn't necessarily talk much — but we worked together.

Quite a few hours of childhood were spent together raising 4-H animals . . . with Dad teaching everything from putting the halter on, to trimming toes!

I think my Dad was the inspiration behind the family routine of sitting on the porch while it rained. He also was in charge of the cranking of the homemade ice cream, which he always turns at the end when it gets hard.

Dad has also served as driving instructor. While both Mom and Dad "suffered" through four student drivers . . . Dad tackled teaching me to drive the stick-shift truck. And then, there was a letter sent to me during my freshman year in college at a time when I thought I just couldn't continue. Enclosed was a poem "Don't Quit" which hangs on my wall to this day.

So you see, time spent together with fathers is well spent. What is happening is the development of a relationship between father and child that deepens — and pays dividends — now and in the future. It sure has for me! Thanks and Happy Father's Day, Dad!

How Much Do You Know About Microwave Cooking?

Surprise! It's time for a "pop" quiz. . .

Let's find out what you know about microwave cooking! Go get a pencil (and a glass of iced tea, if you want — we don't have to be nasty) and get to work! The answers are at the end of the column so you can rate yourself as a microwave user when you're done.

1. Since microwave ovens don't have hot air in them like a range oven, the food gets cooked by a. heat radiating from the microwaves into the food. b. the heat created from friction as microwaves make the food molecules vibrate. c. infrared heat radiating off the oven walls.

2. You have to rotate food in microwave ovens because a. some ovens don't cook evenly. b. microwaves can't bend enough to reach all over the pan. c. microwaves cook the food from the outside in to the center, and the center wouldn't cook if you didn't rotate the food. d. all of the above. e. none of the above.

3. A beef roast cooked in a microwave a. gets dried out and tough when cooked on high power. b. is juicy and moist if it's cooked on a low power. c. will get brown if there is fat on the outside of the roast. d. all of the above. e. none of the above.

4. Dry or rubbery food means a. the food wasn't cooked or reheated long enough. b. the food was cooked or reheated for too long a time. c. the food didn't have a long enough standing time.

5. Standing time is needed when microwaving foods a. for the edges of the food to finish cooking. b. so the microwaves will "evaporate" and the food will be safe to eat. c. for the center of the food to finish cooking.

6. During standing time a. the food cooks more. b. the temperature evens out in the food. c. the food should be covered. d. all of the above. e. none of the above.

7. In microwaves with two settings, labeled "Cook," and "Defrost," you a. can cook on the "defrost" setting when you want a low power level. b. shouldn't cook on the "defrost" setting, because the food won't cook right.

8. In a microwave, when you turn the power from high down to 50 percent (medium, 50, 5) a. the food will be cooked more evenly, because heat has time to be conducted to the center of the food. b. the food will take longer to cook. c. the edges will not get overcooked as easily. d. all of the above. e. none of the above.

9. Shielding food with foil means a. covering it completely with foil so it won't overcook. b. is not safe, since metal like foil should never be put in a microwave. c. covering food during standing time. d. all of the above. e. none of the above.

10. A dish of lasagna would microwave best on a. 50 percent power b. 100 percent power c. high power d. the power level doesn't matter.

11. All of the heavy plastic plates or pans can be used in a microwave. a. True, plastics are microwave-safe. b. False, some may absorb microwaves.

12. If you want to microwave frozen vegetables in a serving dish that has no lid, what should they be covered with? a. Plastic wrap. b. Waxed paper. c. A paper towel. d. It doesn't matter. e. They shouldn't be covered.

13. A pork roast should be microwaved a. Pork should never be cooked in a microwave because it is not safe to eat cooked that way. b. on high power (100%) since it has to be cooked to well done. c. on low power (30%) in a covered container to make sure the center is cooked.

14. Thick pieces of meat should be turned over in most microwaves a. so the juices are not all pushed to the bottom. b. so both sides get evenly cooked. c. because no microwaves can get under a heavy roast. d. so the bottom will brown.

15. It is important to stir foods when microwaving them because a. if you don't stir up the microwaves in the food, the center won't cook. b. the microwaves cook from the inside out and the edges won't cook if you don't stir. c. you need to distribute the heat from the edges in to the center of the food. d. if you don't stir, the food scorches on the bottom.

16. Putting food in a doughnut shape for microwaving is a. some gimmick retailers thought up to sell more utensils. b. important when cooking on high power if you can't stir the food. c. important so the edges of the food can get cooked.

17. When defrosting food, a. the power level you use depends on the food being defrosted. b. you should never use high power. c. you should always use the "defrost" setting on the oven.

18. How can you keep the edges of your food from getting dried out in a microwave? a. Use a lower power level. b. Stir the food. c. Shield the edges with pieces of foil. d. all of the above. e. none of the above.

19. If you are in a hurry a. frozen meat can be cooked in a microwave without defrosting it first. b. frozen meat should be thawed completely before cooking. c. frozen meat should be thawed a little on defrost, then you can cook it on high to get it done fast.

20. Plastic foam-type plates or cups, freezer containers, and margarine tubs a. cannot be used in a microwave, since microwaves make them melt. b. can be used in the microwave without any problems. c. can be used in the microwave, but the heat of the food on them may make the plastic melt.

21. My own microwave oven has a. 600-700 watts of power b. 500-600 watts of power c. 400-500 watts of power d. I don't know!

Answers: (no cheating!!!) b, a, d, b, c, d, a, d, e, a, b, a, c, b, c, b, a, d, b, c.

RATINGS: 0 wrong: An expert! 1 to 5 wrong: Good for you, you understand the basics! 5 to 10 wrong: You must be a beginner! 10+ wrong: You flunk — use your range! P.S. If you answered "d" to question #21, you flunk too!

Join me next week for a Remedial Microwave class!

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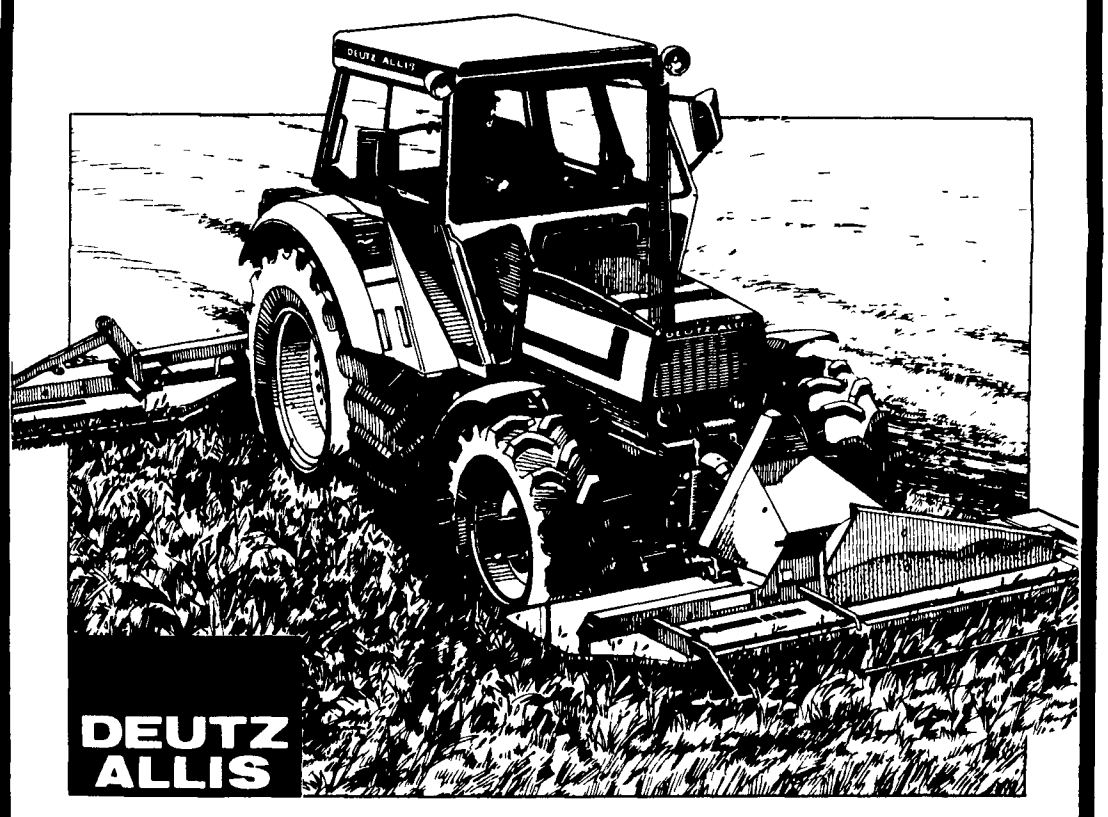

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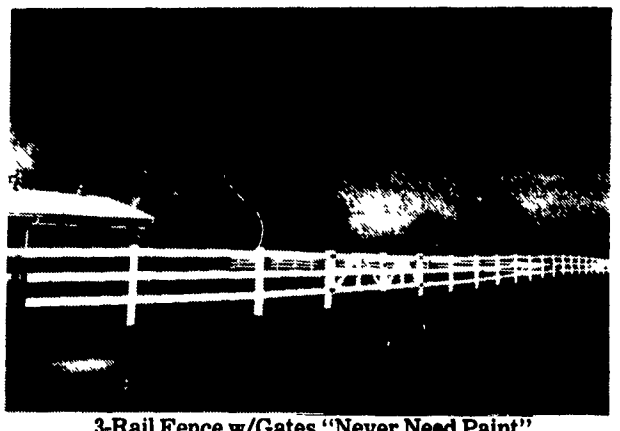

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Raney Tops DHIA Ladder in Under Two Years

BY NANCY KUNICK
Crawford County Correspondent

ADAMSVILLE — One and a half years ago, Jeff Raney began farming on his own, and in that short time he has "managed" to get more milk from his cows than any other herd on DHI in Crawford County.

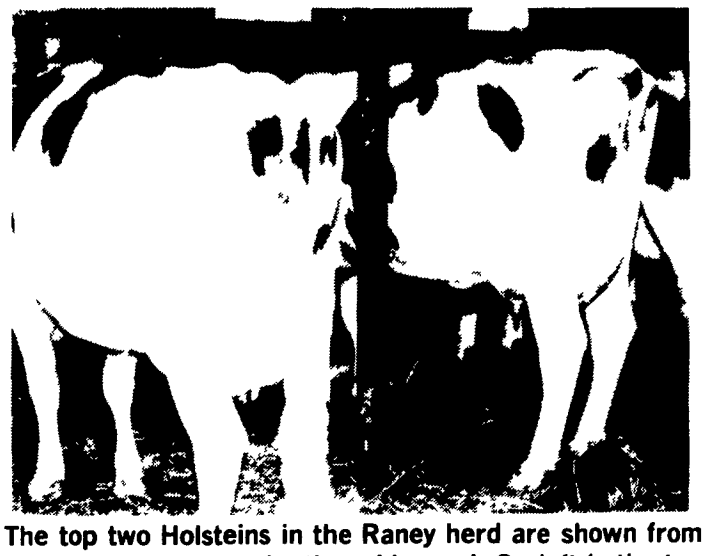
During recent months, he has consistently been second in fat production. His rolling herd average currently stands at 22,100 pounds of milk and 790 pounds of fat with 43 Holsteins on test.

Raney knew in high school that he wanted to milk cows, but he had a challenge, he had no farm.

Being raised in Lawrence County, near his relatives' dairy farm, did not solve his dilemma as their farm was not large enough for another partner.

During high school he worked as a hired hand for several farms and after graduation he secured a job at a feed mill where he worked for 2½ years. One of the items he learned was feed formulation. Raney has utilized this knowledge, grinding his own ear corn and adding soybean meal and distillers grain, on his present farm.

At this time he married Brenda Powell, a 4-H'er from Crawford County that he met as an FFA'er.



The top two Holsteins in the Raney herd are shown from the most important angle, the udder end. On left is the top producer in the herd. She is projected to produce 26,800 pounds of milk and 900 pounds of fat as a two-year old. Next to her is the highest classified cow in the barn with a score of Very Good 87.

They moved to Crawford County where he became herdsman for a large Holstein farm, Black Pond Farms, owned by the Blacks of Saegertown. Raney gained invaluable experience during his 4½ years of employment there.

Two year ago Raney was approached by John Vanderstappen, a Holstein breeder who was planning to retire. He offered Raney the opportunity to take over the farm. After much consideration, the Raneys decided to take the big step. They purchased his machinery and herd of grade Holsteins, and leased the 200 acre farm complete with house, barn and outbuildings.

Raney attributes his success to a combination of good feeding, breeding and milking practices. These all translate into one term — good management.

"Feeding is the biggest key to it (dairying)," according to Raney. He feeds his cows what they want, three times a day, in a very definite order — hay, silage and then grain.

Brenda added that although he feeds them three times, he checks "his girls" several times during the day. "He stirs the feed around if it's not eaten, he makes them keep the mangers clean," she explained.

Noting that there is "a fine line between hungry and full," he added, "I notice them dropping (in production) if I overdo it."

Vanderstappen had the farm set up for a "one man operation" which enables Raney to farm by himself. For example, the round wire corn cribs are lined up close together, allowing Raney to fill two cribs by simply moving the elevator a few feet.

Another way Raney lightens the workload light, and keeps his concentration on milk cows, is by raising only the best registered heifers. Presently, he is raising two growthy young calves in the barn in addition to seven heifers on pasture.

"With the surplus of heifers right now, it is cheaper to buy replacements than raise them," Raney said. Brenda noted that John Vanderstappen operated his replacements this way and suggested they try it. Raney said that this has worked well for him as it allows more time to work with the cows.

Working with the cows means culling the "lazy" ones. Raney has already replaced half of the herd with registered Holsteins from smart purchases at consignment sales and from cattle dealers.

Jeff Raney (right) and his wife, Donna, have risen to the top of Crawford County DHIA in under two years. With the Raneys are their two children, Erin (left) and Adam.

When purchasing cattle, he looks primarily for milk production, but is also watching for type. Classification scores and DHI tests attest to his success in acquiring both traits.

Raney's classification, for the first time two weeks ago, resulted in eight cows scoring Very Good, nine cows scoring Good Plus and four cows scoring Good. The Raneys were pleased with these results, and Jeff proudly explained that his highest scoring cow, a Very Good 87, is a 3-year-old Hilltop Apollo Ivanhoe daughter. As a 2-year old, she milked over 21,000 pounds of milk and 750 pounds of fat.

Standing next to her in the tie stall barn is the top producer in the herd, a Marshfield Elevation Tony daughter projected at 26,800 pounds of milk and 900 pounds of fat as a 2-year old.

Raney handles the milking duties by himself and adheres to a 5:30 a.m. and 5:30 p.m. milking schedule. During the day he brings the cows in for a feeding. Being very aware of the cow's comfort, Raney feels they benefit most from being in the barn during the hottest time of the day.

One of the ways that Brenda helps on the farm is by doing all the bookwork. She also works part-time as a nurse at the Grove Street Extension of Meadville Medical Center.

The Raneys have two children, Adam, 4, and Erin, 1. They are active in their church, Jamestown Presbyterian, where Raney serves on the governing body. He is also a county director for DHIA and serves on several committees as president of the Crawford County Holstein Club.

Noting his enthusiasm for his work, it is no surprise that Raney has already realized his goal, he's farming and doing it successfully.

Crawford County Correspondent
Nancy Kunick

Nancy E. Kunick has been the **Lancaster Farming** news correspondent in Northwestern Pennsylvania since the spring of 1983.

Nancy was raised on Dolly Run Farm in Crawford County, a dairy operation comprised of 150 registered Guernseys. The 350 acre farm is operated by her father and her brother, Paul E. and John E. Kunz and families. Nancy still owns a few cattle kept at the farm.

Nancy was active in all phases of ag activities. She was a 10 year member of the Penn Drake dairy 4-H club She showed at the county, district and state levels. In 1978 she showed the Reserve Grand Champion Guernsey at the Junior Dairy Show at Harrisburg. The same year the cow was first place 3 and 4-year-old dry cow at the Pennsylvania All-American Show.

Kunick was a member of the county judging team and competed at State Days. She was named the Outstanding Guernsey Girl for Pennsylvania in 1975 and was the 1977 recipient of the Outstanding Guernsey Youth award for the Pennsylvania Field Area. She served as vice-president and secretary for the Pennsylvania Junior Guernsey Breeders Association.

In 1978, Nancy was crowned Crawford County Dairy Princess. She constructed a slide show tracing milk from "The Moo To You" and showed it to school children throughout her reign.

Nancy graduated from Titusville High School in 1977 and from Edinboro University in 1981. She was active in band at both schools.

Nancy Kunick

She holds a Bachelor of Arts Degree in Arts and Humanities with a focus on journalism.

In 1980 she married Calvin Kunick, also of Centerville. He owns and operates a cabinet shop near their home. He specializes in hardwood kitchen cabinets and furniture. Nancy helps by staining all completed projects.

Kunick also has been employed at Sears, Roebuck & Co. at Titusville on a part-time basis since 1981.

Nancy and Calvin have a 1-year-old son, Cale Joseph who gives them an abundance of joy. They are members of the Centerville Community Baptist Church.

Blue Juniata FFA Chapter Honors Members

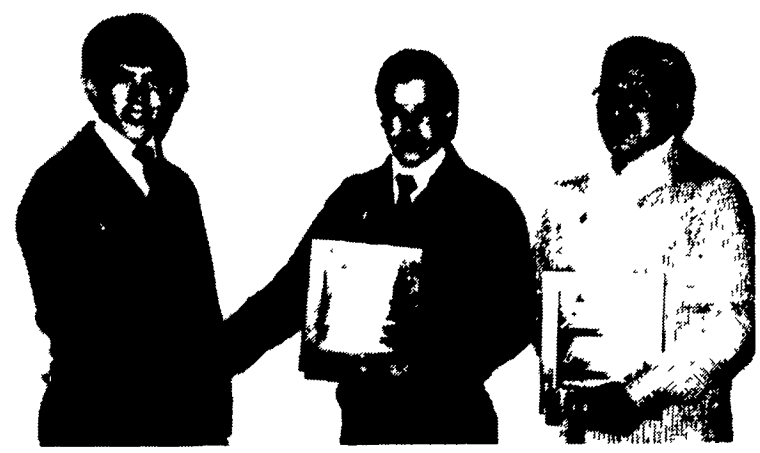
MOUNT UNION — Blue Juniata Chapter FFA members received plaques and awards at the annual recognition banquet, held recently at the Juniata Valley Elementary School.

Guest speaker for the event was Bill Hoffman, North Regional vice president.

Distinguished service awards were presented to Geary Shade Jr. of Alexandira, and Wayne Sollenberger, vo-ag instructor at Juniata Valley High School and chapter advisor.

Farming program plaque winners were Jim Shade, Todd Musser, John Hawn and Scott Slippey.

Certificates in the farm program went to: Jim Shade, farm programs, gold; dairy cows, silver and field corn, bronze; John Hawn, forage hay, silver; small grains, silver; market hogs, bronze; and farming programs, bronze. Todd Musser, poultry meat, gold; poultry hens, gold; home garden, silver; home improvement, silver; and farming programs, silver. Don LeCrone, beef finishing, gold; farming programs, silver, and sheep breeding, silver. Bob Hammer, farming programs, gold; dairy heifers, bronze; and miscellaneous, pheasants, bronze.



John Eberle, Agway representative, congratulates distinguished service award winners Geary Shade Jr., center, and Todd Musser, left.

Single certificate winners were Scott Monihen, Dan Fitzgerald, Steve Brown, Larry Grubb, Chris Connelly, Jeff Heffner, Jim Byler, Howard McGinnis, Vaughn Watson, Ron Shade, Jim Hardy, and Terry Hutchison.

Also, Kevin Marche, Denny Sleek, Scott Slippey, Robert Turnbaugh, and Ed McMahon.

A slide show from the national convention was the entertainment for the evening.

The chapter's parliamentary procedure team placed second in the regional contest and will compete with eight teams in the state contest at Penn State University. Team members are Todd Musser, president; Bob Hamner, vice president; Larry Grubb, secretary; Don LeCrone, treasurer; Howard McGinnis and Jim Byler, reporter; Scott Monihen, sentinel; Terry Hutchison, student adviser, and John Hawn, chaplain.

Karen Shertzer to Promote Milk in Juniata County

BY CRAIG C. BINGMAN
Snyder Co. Correspondent

MIFFLINTOWN — Karen Shertzer was crowned Juniata County Dairy Princess, in front of 100 plus spectators, at the Mifflintown Fire Hall on June 6. Karen, the 20 year old daughter of James and Audrey Shertzer, Mifflintown, is a graduate of Lampeter-Strasburg High School in Lancaster County.

Alternate Dairy Princess was Christen Weaver, also of Mifflintown. Sixteen-year-old Christen will be a senior at Juniata High School and is the daughter of A. Lee and Margaret A. Weaver.

Encouraged by the dairy promotion committee to enter the contest, the 1986 Dairy Princess said she hopes to encourage people to use dairy products. Her goal is to be willing and enthusiast about promoting dairy products for her county.

Karen is presently employed on the family dairy farm where she is the eldest of four children, two brothers and one sister. The family milks 47 cows.

While in high school, Karen was active in FFA, basketball, track and the county 4-H club. Other activities and interests include Cedar Grove Youth Fellowship, baking, and, of course, farming.

Each of the two girls presented a creative skit on the promotion of the dairy industry.

Karen's skit showed her as a mother pushing her baby through a supermarket pointing out the nutritive values of dairy products. Christen portrayed an angel sent to Mifflintown to remind us of the value of milk products.

The Alternate Dairy Princess entered the contest because of a childhood goal. Christen's school and community activities include chorus, band, 4-H dairy, beef, sheep, and swine clubs, cheerleading, youth group, pianist and dairy judging team.

Christen helps with chores on the family swine farm where a unique computer system is used. Christen has shown the Grand Champion Steer at the Juniata County Fair for the past three years. The college bound senior will help the Princess in promoting the dairy industry.

Miss Shertzer was crowned 1986 Juniata County Dairy Princess by Angela Colyer, the 1984 Juniata County Dairy Princess. Miss Colyer said in a very sincere speech that she was grateful for her reign as Princess and being a spokesperson for the dairy industry. She gave her full support to the new Princess.

The pageant opened with a milk punch reception and ended with a sundae bar. Over 70 patrons supported the contest.

The 1986 Dairy Princess Pageant was co-sponsored by the Juniata County Holstein Club and the Juniata County Dairy Promotion Committee. Lloyd Ebersole was Master of Ceremonies for the evening and gave the traditional toast to the new princess.

Judges for the pageant were: William Bradford, a Lewistown dairy farmer; Denise Hall, a marketing coordinator for Sire Power, Tunkhannock; Beth Raney, an extension agent and former Venango County Dairy Princess, Pine Grove Mills.

Entertainment for the evening was provided by the Texas Hollow Reunion.

Karen Shertzer is Juniata County's 1986 dairy princess.

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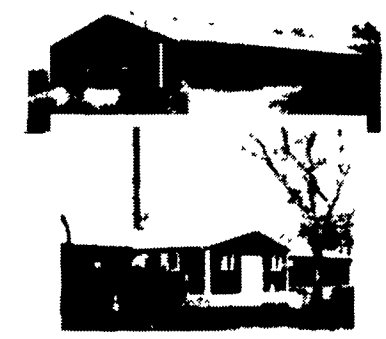

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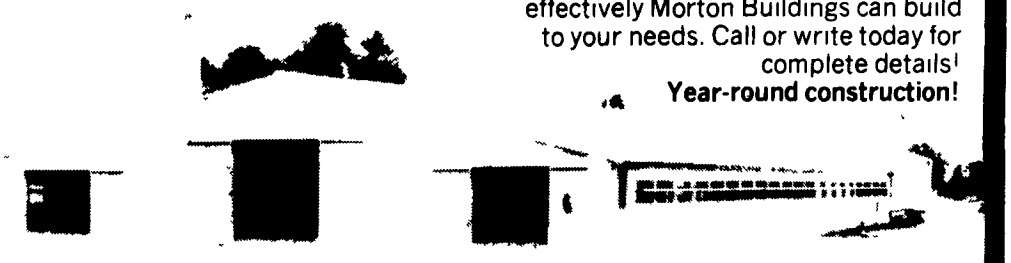

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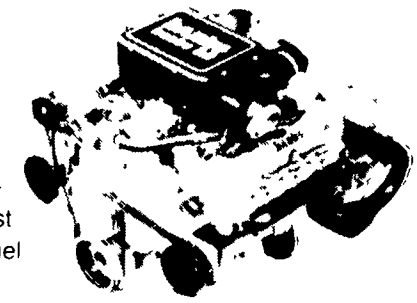

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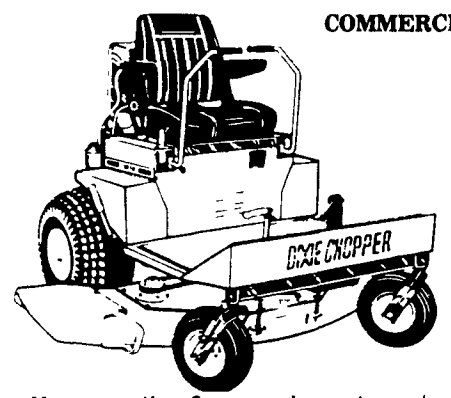

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Farm Women

Lancaster Society 5

Members of Lancaster Society 5 met at the "Country Table" May 31 for dessert and a program by Mr. and Mrs. John Glass, who showed pictures of the beginning of the Landis Valley Museum.

The Society voted to give the museum a $20 donation.

Helen Kulp and Emma Weaver were hostesses.

Members will next meet June 28 at the home of Edith Longnecker. The program is a safety awareness talk.

Lancaster Society 14

Lancaster Society 14 met at the Farm and Home Center May 14. County officers and members of Society 11 were guests.

Hostesses were Eleanor Drennon, Serena Gfoff, Elizabeth Herr, Martha Herr, Ethel Landis and Marina Row.

County secretary Judy Greenleaf gave a legislative report.

Mrs. William Althouse of Manheim gave a presentation on "Gloria's Treasured Friends," which included a display of many of her dolls. She talked about her hobby, places where she purchased her dolls and the costs involved.

"The Triple Trio" sang a hymn medley and selections from musicals.

The next meeting will be held June 11 at the home of Esther Landis at noon. The group will visit Conestoga View with Society 15 on June 19.

Green Valley Society 26

Green Valley Society 26 celebrated its 20th anniversary at Denny's Restaurant on Rt. 30 during its May meeting.

The group has planned a bus trip to Raystown Dam in June.

The next meeting will be at the home of Dot Wilt, York Haven Road, Etters.

Lancaster Society 28

Lancaster Society 28 held its May meeting at the home of Rhoda Nolt. Lois Kalb was co-hostess.

President Thelma Hess conducted the business meeting. Norma Forry was in charge of devotions.

Program for the evening was home decorating with Gerry Gwinn from Bareville Furniture.

The next meeting will be June 26 at the Farm and Home Center when the Society will entertain Society 25.

Berks Society 1

Berks Society 1 recently held a dinner meeting at the Pleasantville Diner to commemorate its 46th anniversary.

President Lillian Hetrick conducted the business meeting. Members discussed the recent bingo party at Berks Heim.

Graduation gifts were awarded to Sharon and Karen Howard, twin daughters of one of the members. The next meeting will be at the home of Mrs. Donna Haas on June 11.

Berks Society 6

Berks Society 6 met recently at the home of Mrs. Sam Mast, R1 Oley. Speaker was Mary Ann Raudibaugh, a travel agent from Boscov's.

Twelve members attended the Spring Rally at the York County Fairgrounds May 27th.

The group gave a donation to a family in the area who lost their home in a fire.

The next meeting will be June 17 at 7:45 p.m. in the home of Mary Youse, R2 Oley. Members are asked to bring a covered dish using a dairy product.

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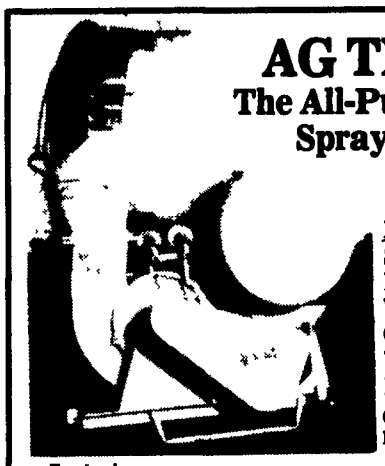

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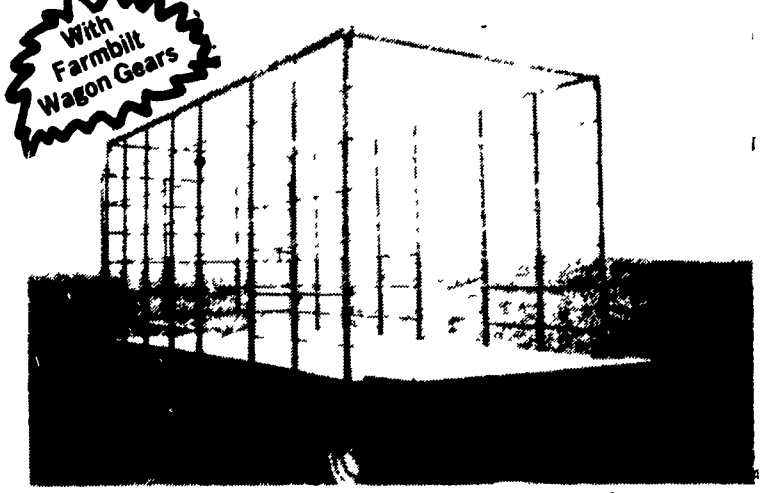

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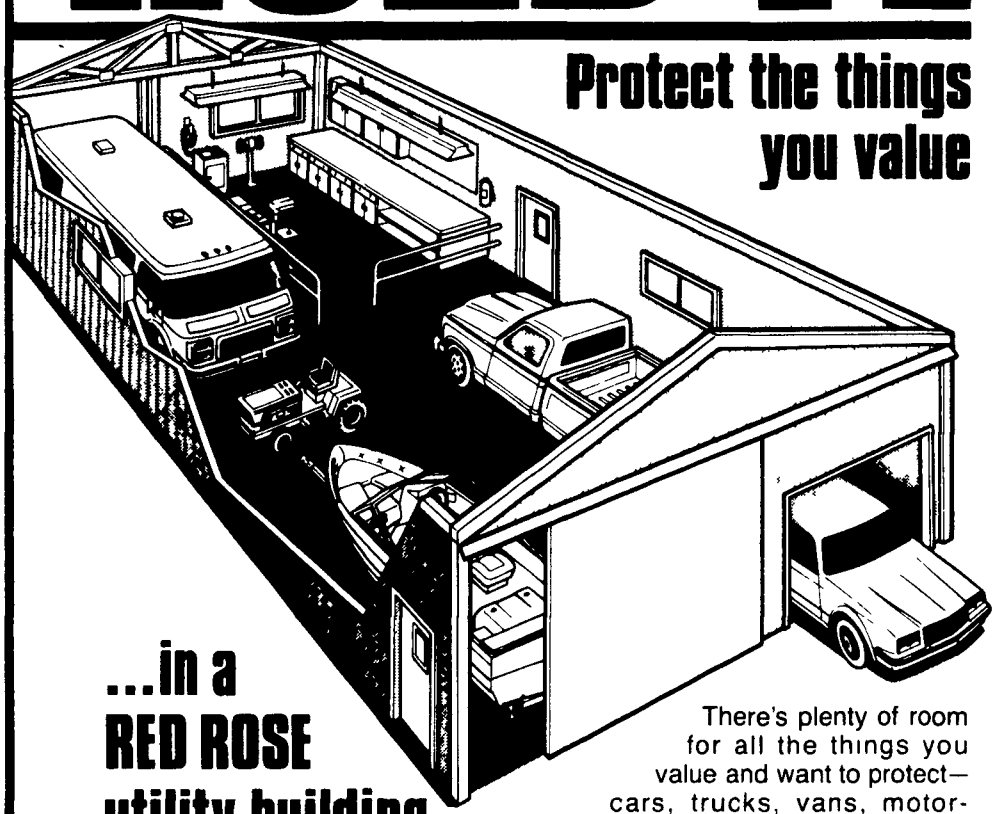

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F.W.S. Calendar

Saturday, June 14

Lancaster Society 25 meets at 1:30 p.m. for a program on Pedestrian Safety by Lancaster Auto Club.

Monday, June 16

Lancaster Society 7 meets at 7 p.m. at the home of Frances Eshelman for a program by the Boy Scouts.

Lancaster Society 29 meets for a program on "Gnome Land." Kids are invited.

Lancaster Society 31 meets at 7:30 p.m. for an "Indian Folklore" program by Hazel Ulrich.

Lancaster Society 34 meets for a pound auction.

Tuesday, June 17

Lancaster Society 24 entertains Society 21 at 7:30 p.m. at Conestoga Church of the Brethren.

Lancaster Society 6 meets for a covered dish with milk product at 7:45 p.m.

Thursday, June 19

Lancaster Society 14 meets at Conestoga View with Society 15 from 2 to 3 p.m.

Lancaster Society 10 sews at General Hospital.

Lancaster Society 15 meets at noon at Hoffman Building, Quarryville, to entertain county officers and Societies 12 and 20 and Chester Society 3.

Saturday June 21

Lancaster Society 3 meets for a program on mailboxes by Mr. and Mrs. John N. Metzler.

Lancaster Society 18 meets at 1:30 p.m. for a creative flower workshop.

South Mountain 4-H Club Meets

ANNVILLE – The members of the South Mountain Community 4-H Club met on May 27 at 7:15 at the South Annville Community Building.

President Alan Auman brought the meeting to order. Kevin Sellers led the 4-H Pledge and Andy Grubb led the American Pledge.

Minutes from the previous meeting were read by the acting secretary.

The president then led discussion on the food to be brought on June 7. It was decided that drinks and hot dogs would be provided by the club.

The next item discussed was a club trip to Lancaster Water Slides. Another possibility would be an Amish shop. More information will be given later. The club decided to go rollerskating at the Mount Gretna Roller Rink on August 16.

Sue Werner presented details on 4-H Camp, Teen Council, and Olympic Planning. It was announced that July 11, 1986 is the last day for entering items in the Lebanon Area Fair. Also discussed in groups was how to make money at the Fair.

The Gardening Club then gave their demonstration and Eddie Royer led in games. The meeting was adjourned with refreshments.

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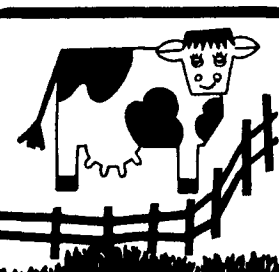
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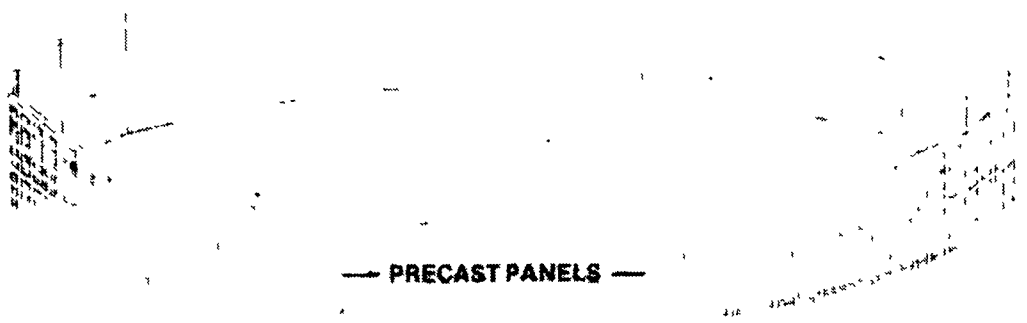

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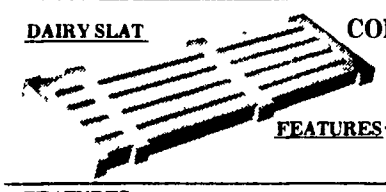

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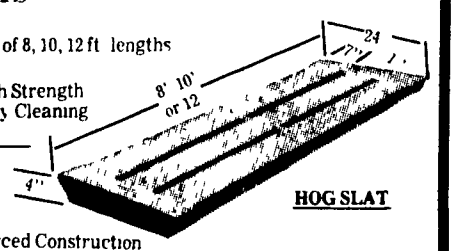

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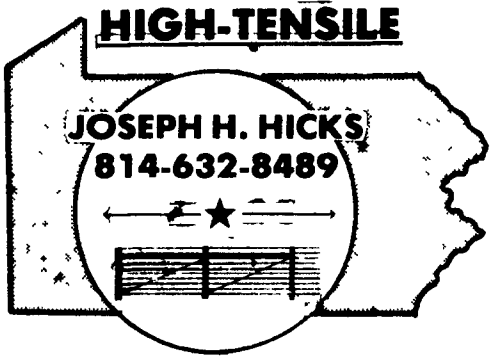

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For Sale: Bull, Limousin Hereford Crossed. Polled Hereford and Angus cows with Limousin calves by side. Call 717-334-2726 after 9pm.

For Sale: Grade Holstein Heifers, due in August. Also Service Age Holstein Bull. Omar S. Fisher, 434 Newport Rd., Ronks, Pa. 17572.

For Sale: Nice cow/calf herd. 39 Cows, calves, feeders, 2 bulls. Polled Hereford genetics of "Jogger" & Victoria. Lackawanna Co. Evenings, 717-222-4214

For Sale: Purebred Simmental Heifers & Cows. Bred or Open, some with calves. By leading A.I. sires. Far Hills Farm, 201-234-0728.

For Sale: Quality dairy cattle, fresh or springing, new cattle arriving weekly. Call Jim Shaw 215-987-3360

For Sale: Registered and Grade Polled Hereford Cows, Calves and Bulls, (1) Angus Cow. Lycoming County. 717-584-2202 after 6 p.m.

HOLSTEIN HEIFERS due to freshen beginning of July. Franklin Co. 717-263-9091

Holstein heifers for sale, 30 months old. Bred Jersey. Due July/August. Dehorned, vaccinated, 1,200 pounds plus. 717-942-6435 8:30-9:30 PM.

IT'S COW-CALF TIME: Young Angus cows w/big February, March calves. $1050 to $1250 a pair. Also yearling bulls. Watts Logan Spring Farm, Bellwood, PA 16617-0010. 814-742-8097 or 742-8118.

Jersey heifer, milking, $350.; Also 4 year old pair of standardbred mares, broke single and double and ride, $1,000 717-656-9548

PUREBRED BRAHMA CATTLE: Purebred Brahma bull, 4 yr. old PAZA-ABBA Reg.; 3 purebred Brahma cows, all to calf in July-August. All very gentle. Broke for fence. Other Brahmas For Sale. Reason for selling: Getting too many for pasture. 717-249-3502 anytime

REG. HOLSTEIN SERVICE AGE BULLS
All are sired by the top A.I. bulls of the breed. Many from high record dams, all bulls are home raised w/a large selection to choose from. Call John Barley, Star Rock Farms, 717-872-4058

Registered springing Guernsey heifer, sire Rolex, grand sire Premier, bred to Fashion, $675 Also springing holsteins, Brown Swiss 301-848-6053.

Registered Polled Herefords. Cows, heifers, feeders, superior breeding at reasonable prices 215-756-6011.

Registered Holstein bulls, 1 year old and younger. Out of dams with records to records up to 28,000 milk and up to 1100 fat. Stump Acres, 717-792-3216, York County.

Registered Angus bulls and heifers for sale Reasonable. York Co 717-292-4855.

Service age registered Holstein bulls by Pete, Star, Astronaut, Glendale, Chief and others. Dams classified Very Good with records over 29,000 lbs milk and 1,195 lbs. milk fat. STUMPLAND FARM 215-488-1965

WANTED-Herd of Cows or bred and open heifers. 301-358-0412.

WANTED: Vaccinated Holstein Heifers, weighing 500 to 800 lbs. 717-295-3137 or 717-394-5573

Wanted: Day old to 4 month old registered heifer calves 717-786-2839.

Wanted: Entire dairy herd and bred and springing heifers. Highest cash price paid. Reuben Greenberg, Inc., Columbus, N.J. 08022. Ph. 609-298-1021

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Wisconsin and Canadian Dairy Cows For Sale 1st, 2nd, and 3rd calf Fresh and close springers. Cash, or credit with down payment. Specialize in selecting cows for customers. Free delivery. Reuben Greenberg, Inc., Columbus, New Jersey 08022. Phone 609-298-1021."

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8 year Sorrel work horse, sound, willing, offside worker gelding. John Fisher, Rt.3, Box 32, Honey Brook, Pa. 19344.

Columbian cook stove with water tank; 2 yearling colt. One 15 black and one blach and gray. Both male. 717-566-6644.

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FOR SALE: Matching team of ponies. Ride and drive well. Also one shetland pony, rides and drives well. Good with kids. 717-859-1343 after 5PM. 717-733-9196 if no answer.

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Miniature Donkey's. Male, dark w/cross on back. Female, gray w/cross on back. $500 for the pr. 717-264-7894 after 5 p.m. or write Thelma Peterson, 1866 Newcomer Rd., Chambersburg, PA. 17201.

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Saturday, July 26, 1986
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Freehold, NJ.
PONY CLASS: 1300 lbs. and under, weigh-ins on grounds:
HORSE FREE-FOR-ALL CLASS (no weight requirement).
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Spring Baby Pygmy Goats; registered, $150, non-registered, $60. All colors. Caramel, Agouti, Black & Silver. Bred from good show stock. Sired by Cottage Farm Moses. 717-437-3104.

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Reading Fairground
Livestock Building
June 28, 1986
7 a.m. to 3 p.m.

White Wool	.6917¢
Colored	.6417¢

Less handling costs. Fleeces will be inspected. No tags wet or dirty wool. Must keep colored & lambs wool separate. Handspinners may pick premium fleeces from 10 to 2 at $1.00 per lb.
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11 SWINE

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Duroc, Yorkshire, Spotted Boars, Open Gilts and Bred Gilts Calvin Lazarus and Sons, 4290 Bridge Street, Whitehall, PA 18052. 215-799-3375 or 3831.

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Duroc, Spot, Crossbred Gilts
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Kenneth Ketterer
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YORKSHIRE AND LANDRACE boars and gilts of all ages. Pseudorabies negative tested boars for sale at all times. Production tested, certified meat tested. Show winners with many carcass champions. Daily drive-in and drive-out service. Reno H. Thomas, Beavertown, PA 17813. 717-658-5821.

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Friday, June 20, 1986
6:00 pm Supper 7:00 pm Sale
Wayne County Fairgrounds - Wooster, Ohio

Featuring:
25 Tested Hamp Boars,
25 Hamp and York/Hamp
Open Gilts, 30 Bred Gilts Hamp and York/Hamp, 18 Tested Spot Boars and Gilts
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(216) 264-9206

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Tiffin, Ohio 44883
(419) 639-3279

Auctioneer - Merlin Woodruff
Ringmen - Ken Smythe
Dan Frobose

ARNOLD'S 42nd HOG SALE
Saturday Evening
June 21st, 1986 7:00 P.M.
DUROC - CROSSBRED - LANDRACE - YORKSHIRE
Lebanon Fairgrounds, Lebanon, Pa.

Auctioneer - Harry Bachman
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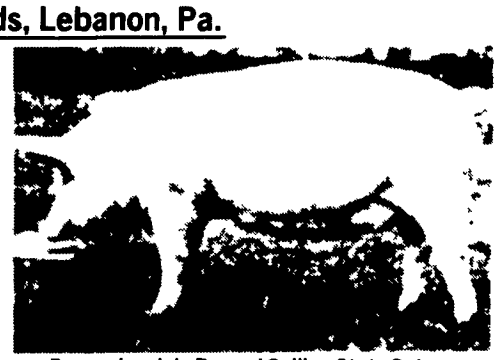
75 BRED GILTS
Handmated - due June 25th thru early August. 30 Purebred & 45 Crossbred Gilts. Mostly sired by & carrying service to top test station boars.



Pennsylvania's Record Selling State Sale Bred Gilt

40 BOARS Ready for service. Durocs by "TRUCK". Four sons Pa. State Test 152D/230#, 2.46 FE, 1.95 ADG, .72 BF, 5.46 Loin, index 113. Sold $544. "ANGLE" 2.7 ADG, 149D/230#,.79 BF, 5.49 Loin, 2.52 FE, Yorkshires by "KEYSTONE" $725 - Pa. State Test 2.23 ADG, 151D/230#, 2.59 FE, .79 BF, 5.75 Loin, Index 125. "TOO RUFF" High indexing pen Ohio Test $900, 2.51 ADG, 142D/230#, .86 BF, 5.34 Loin, 2.43 FE index 132. "DUKE" $1300 Top indexing boar out of top indexing pen Ohio Test. Index 154, 135D/230#, ADG 2.54, BF .65, LEA 6.00, FE 2.37. (His sons are very popular.

40 OPEN GILTS Purebred & Crossbred, Ready To Breed.
All animals vaccinated for rhinitis, erysipelas, lepto & parvo. Validated brucellosis & pseudorabies free herds.

Catalogues Available June 10th Call or Write

Yorkshires-Crossbred-Landrace
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Next Sale
August 8, 1986

Crossbred-Durocs
Lawrence Arnold
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Womelsdorf, PA 19567
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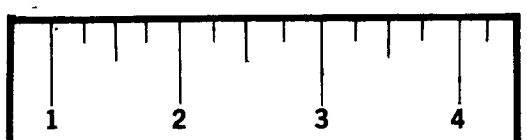
Private Sale: Service Age Boars & Bred Gilts Due Early June

11 SWINE

Yorkshire, Landrace Service Boars. Validated herd. Will deliver. Stern Yorkshire, RD2, Box 366, East Berlin, PA 17316 717-292-4634.



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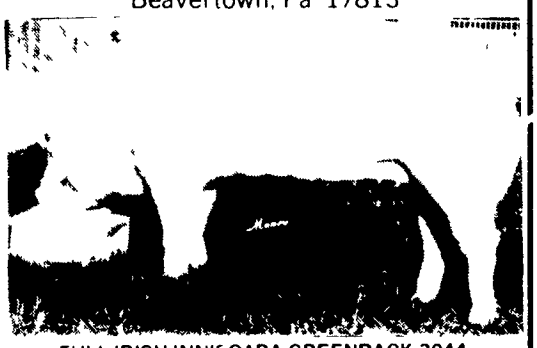

FULL IRISH INNISCARA GREENBACK 3044
This is our kind of mother She is the right kind of mother She is the mother of our $3900 00 top selling bred gilt in our Oct 1978 sale

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At the farm
FRIDAY, JUNE 27
1 P.M.
SELLING 200 HEAD
60 BRED GILTS-100 OPEN GILTS
F1 YORKSHIRE LANDRACE CROSSBREDS
40 SERVICE BOARS
LARGE WHITE-YORKSHIRE -LANDRACE

"THE PIG OF TOMORROW is at OUR PLACE TODAY"

★★★★★★★★★★★ FLASH ★★★★★★★★★★★

1984 Boar Test Winners

We won the PA boar test station w/large white boars sired by King David Top indexing boar (index of 154) sold for $1550 to the NJ Correctional Industry We had second top indexing pen of Boars at the NY test station w/the high selling boar over all breeds $675 Selling to John Peters Schuylersville NY

We Won again in 1985.

NY test station high indexing and top selling boar sired by Paramount purchased by John Hanson Berlin CT $725

Delaware Boar Test Station 1985

We had the two high indexing boars sired by Danny (Irish) purchased by Shur Gain Farm Maple Ontario Canada $925 and by Gerald Swartley Waterloo NY $850 Our Paramount boar at DE test station sold to Edwards & Edwards Rich Square NC for $975

These were the three top-selling boars at the DE sale

YORKSHIRES - LANDRACE - DUROCS - LARGE WHITE

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Pseudorabies & Brucellosis Certified Free

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21 day weights, back fat, days to 230.
Sow productivity program
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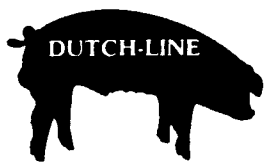

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Tested boars & gilts: 21-day weights, backfat, loin eye, daily gain & days to 230. Closed herd & validated free. SPF-origins & slaughter checks.
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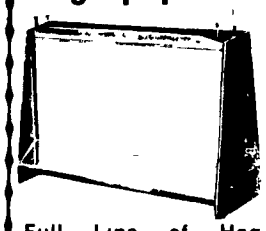
13 HOG EQUIPMENT AND SUPPLIES

Can. Con. Systems Hog Equipment



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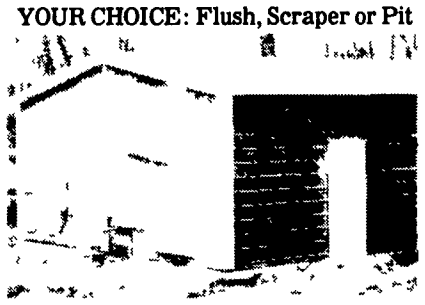

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14 POULTRY AND SUPPLIES

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15 FEED AND SEED

FOR SALE: 200 tons corn silage stored in upright silos, truck scales on farm. Strockland Farms, 735 Williams Grove Rd., Mechanicsburg, PA 17055. 717-766-6502.

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For Sale: Good quality alfalfa, 2nd and 3rd cutting hay, some horse hay. Also wheat straw. Call evenings. 215-682-6621

ProLasse 8%
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STRAW: Hesston square bales, 4x4x8. Will deliver. 215-255-5211.

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32% liquid protein, wholesale/retail from manufacturer. Dealer inquiries invited. Call collect, 301-343-0343.

Alfalfa Haylage out of Harvestore, 17.4% protein, $100 per truckload. Chester Co., 215-269-3442.

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- NEW BARLEY -
Lancaster County
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Corn Silage & High Moisture corn. Picked up at barn. Northern Chester County.
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SELLING HIGH MOISTURE CORN
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Clean horse hay and straw.
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Ear corn and Barley.
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• Roasted Soybeans
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Call for prices.
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Shelled Corn
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Spot or contract prices available
60 ft. scale
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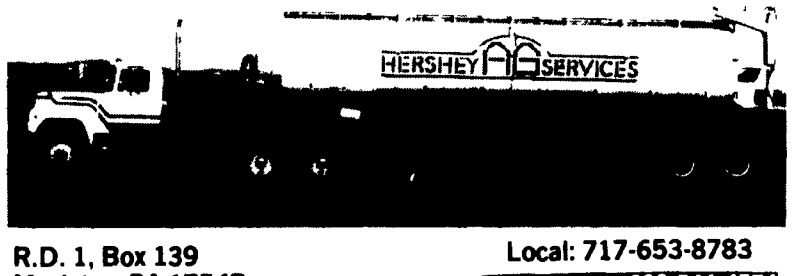

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Heavy, high quality, special formula black plastic

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- *Most popular* protects bottom too
- Fastens securely with 12" barbed bale nails in about 90 seconds
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Super Bonnet™
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- Most economical, Life expectancy is 5 years

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- Bale holds cover in place
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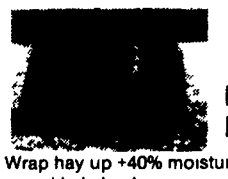

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16 FERTILIZER

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700 Bu..... $95
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Bark Mulch Also Available

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Fresh or aged. 1,000 bushels or 50 yards, $110 delivered.

BARK MULCH
"Red Oak"
$10 per yard. You pick up.
$12.50 per yard delivered.
Broiler manure, $10 per ton.
All Size Loads
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High Quality Lime Plus 50-60 Lbs. of Potash (Worth $7.00) & 80-100 Units of Sulfate (Worth $12.00) In Every Ton
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78-80 + ENP (effective neutralizing power)

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- ORGANICALLY GROWN -
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Broccoli plants
Cabbage plants
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21 SERVICES OFFERED

All types of large spreaders for rent
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Soybean roasting on your farm. Dale L. Schnupp, RD 6, Lebanon, PA 17042. 717-865-6611.

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14' flex-wing Woods Bush Hog, $1,500. 215-493-2192

WANTED: Mower for NH or Ariens garden tractor. Martin Rishel, R.D.1, Box 82, Spring Mills, Pa. 16875. 814-238-4957 Days, 814-364-9333 Evenings.

19 NURSERY

CURED SAWDUST FOR SALE
In Trailer Loads
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17 PLANTS

FOR SALE: Pennlan, Pennbel and Imp. Narrowleaf tobacco plants. Amos F. Beiler, 153 Mine Rd., Paradise, PA 17562. ¼ mi. from Georgetown.

Orders being taken for organically grown, broccoli, cabbage & Snowcrown cauliflower plants. Lancaster Co., 717-859-1662.

TOMATO PLANTS: Pik-Red, Floradade and Jet Star, ready June 1st. Goodville, PA 215-445-4852.

DANIEL S. SMUCKER
BUILDER
AGRICULTURAL - RESIDENTIAL
Specializing in Pole Bldg's
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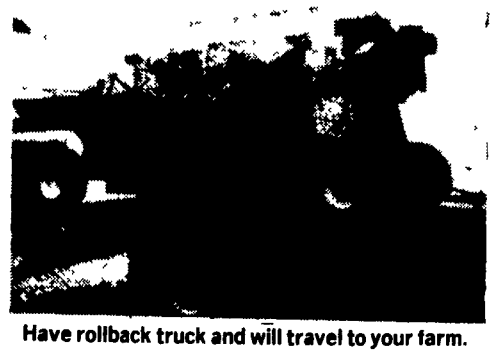
CUSTOM AG BAGGING FOR RYE & HAY



Have rollback truck and will travel to your farm.
CUSTOM AG BAGGING WITH MOTORIZED UNIT (no tractor needed)
We have plastic ag bags & bale bags for sale.
LEROY ZIMMERMAN
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Owned By: Charlie A. Himelright
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22 CUSTOM WORK

Custom Round Baling: Hay, Haylage. NH 849 baler, round bale bags. Harry Zimmerman, Jr. 215-445-6987

Will due Custom Combining in Gap or White Horse area. 717-768-7221

CUSTON ROUND BALING: Hay, straw, fodder, bale weight 900-1500 lbs. Honey Brook, Churchtown, Morgantown areas. Lester Stoltzfus, 215-273-2620.

Custom Bagging w/ motorized machine. Haylage, Corn Silage and High Moisture Corn. 717-949-2366.

CUSTOM COMBINING: $18 per acre. 717-445-6851.

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NH 849 Baler.
Quarryville or surrounding area.
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CUSTOM BAGGING
Sealed Storage System
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Ag Bag Dealer
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JD 530 baler w/bale carriers available
Small Bales - $3.00 Large Bales - $5.00
Will travel to your farm
Nevin Kegerreis
Lititz, PA
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Will do all aspects of hay work. Also will do custom chiseling. We can rent numerous tractors for different jobs. Custom skid loader work is also offered.
For Lititz, Manheim, Ephrata & Lancaster Areas.
Call 717-627-1578 For Prices
Ask For Mr. Smith or Mr. Price
If no one is available please leave message.

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Bag Choices
Fast Unloading
Merle W. Martin
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CUSTOM BAGGING
Three machines available
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717-665-7471
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Custom Bagging
Fast Unloading
Check Our Prices
Stoltzfus Custom Bagging
Honey Brook, PA
215-273-9666
215-273-3374

23 HELP WANTED

Assistant Herdsman for Registered Jersey dairy of 100 plus milkers. Persons interested should be experienced in all phases of dairy farming and be gentle w/cattle. Smokers and drinkers need not apply. Send resume to: Poverty Knob Jersey Farms, R.D.2, Conneaut Lake, Pa. 16316.

Assistant herdsperson for 70 cow holstein herd. Incentive and living allowance. References. Lanc. Co. 717-656-6397.

Fulltime position w/ landscape contractor: new installation and maintenance, will train, Agricultural background helpful, only hardworking responsible need apply. Burman's Landscape Service. 717-442-9891 after 5 p.m.

HELP WANTED: Carpentry and masonry. 215-857-5902.

Help Wanted on dairy farm. Southern Lancaster County. Must be experienced with cows and field work. 717-529-6029.

Herdsperson for small registered herd. Excellent housing, good salary. Must be experienced. 301-692-6028 or 692-6351.

Herdsperson wanted to care for and milk 40 cow herd. House provided. For more information phone 717-533-2322.

Herdsperson wanted for 200 cow registered Holstein dairy in Central New Jersey. Milking and general health care experience required. New parlor with automatic take-off. Excellent working conditions, regular hours, time off, overtime available. Salary negotiable. Housing available. Call 201-369-4381.

Prefer Christian Young Man to work 3 to 4 months on hay and vegetable farm. Good salary, room & board w/Christian farm family in New Jersey. 609-859-2381

Prefer Young Christian person, single or married for milking and general farm work. Experience necessary. Housing available. 717-933-5771

Responsible fulltime dairy person wanted, some field work, experience and references required, 3 bedroom housing available. Call evenings 7:30 to 9:30 p.m. 301-658-5289

Responsible married person to work on dairy & grain farm. Experienced in operating machinery necessary. References required. House available w/benefits. Phone 215-767-4827 after 8 p.m.

Roofing and siding applicators needed. Good pay and benefits. Write to: P.O. Box 292, Bird-in-Hand, PA 17505.

Salesperson: Position available immediately as Farm Consultant in Eastern PA. Feed & Agronomy constitutes major product lines. Will train with experienced sales staff. Salary commensurate with experience plus commission paid on sales. Liberal fringe benefit package available. Send resume to Lancaster Farming, PO Box 366-K-115, Lititz, PA 17543.

Single person, male or female to work on dairy farm, salary plus board. Montgomery Co., 215-277-5149.

Wanted: Herdsman for sow operation, includes home and utilities, good weekly salary and bonuses, time off and good benefits. Send Resume to: Lancaster Farming, P.O. Box 366 L-102, Lititz, Pa. 17543.

Wanted: Person wanted for bookkeeping & office work for a small agriculture equipment company. Sales experience necessary. Lancaster Co. Send replies to Lancaster Farming, PO Box 366-A-85, Lititz, PA. 17543.

Milker needed for large dairy on Maryland eastern shore. P.O. Box 83, Kennedyville, MD 21645. 301-348-2121.

Person for full or part time milking and dairy farm work near Manheim, PA. Reply to: Lancaster Farming, P.O. Box 366, K-113, Lititz, PA 17543.

Person for holstein dairy farm. Must be dependable and a self starter. References required. House available plus benefits. 717-464-3752.

Person for dairy and general farm. Experienced milker and reliable. Two bedroom housing provided. Susquehanna Co. 717-434-2048.

Full-time person to help w/milking in milking parlor.
Lancaster Area
717-656-7305

Sell Animal Health Supplies
farm to farm.
Must have dairy farm experience and be aggressive. Guaranteed salary plus commission and excellent benefits.
Call:
Animal Medic, Inc.
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Farm background wanted to sell feed and seed related products. Territory in southeastern PA. Agriculture or sales experience preferred but not required. Please send resume to:
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York, PA 17402
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PART TIME & FULL TIME SEASONAL HELP NEEDED
To Plant, cut & chip fresh cut & dry flowers from 2 to 8 hours a day available. Prefer mornings.
Write McCreight's Fancy Flowers
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With Agronomy background wanted to sell fertilizer & crop protection materials in Southeastern PA. Experience preferred but will train the right person. Send resume and salary requirements to:
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Souderton, PA 18964
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EXPERIENCED DAIRY FEED SALESPERSON
A National Feed Company has an opening for a highly motivated self starter to sell Dairy Feed in Lancaster and York Counties. Salary, Commission, Company car and unlimited income. All replies confidential.
Send qualifications to:
Lancaster Farming
P.O. Box 366-B123
Lititz, PA 17543

23 HELP WANTED

WANTED: Person or couple for milking and field work. House available. Call 717-426-1513 after 7:30 p.m.

MAKE THE DIFFERENCE!

Your family could make the difference in the life of a troubled teenager. Private child welfare agency is seeking homes to provide care, stability & support for children who need a change. Excellent compensation and support services provided. Families working with other agencies not eligible. For information call Counseling Care Services in Harrisburg at 717-233-3452 or 1-800-732-7338.

LAYER PRODUCTION MANAGER

We are looking for a capable person to manager a Layer Complex near Gettysburg. This individual must have experience in house management, layer production and knowledge of bird health. If you are the right individual, this is an excellent opportunity to work for a top notch layer operation. Competitive salary and a large remodeled farmhouse and utilities are provided. Hospitalization benefits also provided. List experience, references and salary requirements and mail to: PO Box 533, Elizabethtown, PA 17022

If you are a self motivating individual and would like to make up to $40,000 a year, we can help you meet your goal. We are a small agricultural company and are selling and servicing direct to the farmers. You will have a large amount of repeat business. Choice areas available. Please send a resume to:

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Lititz, PA 17543

Farm Equipment Appraisers needed. Are you familiar with Farm Equipment values? If you are, you may be qualified to become a Certified Farm Equipment Appraiser
Call
208-734-7570
American Society of Farm Equipment Appraisers
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Married man desires work on farm, mechanical ability, need good clean single family housing. 717-597-7932

Wanted: Experienced-Farm Mechanic desires position as mechanic. Call 717-662-3186

25 BUSINESS OPPORTUNITIES

FOR SALE
Greenhouse & Equipment (128'x30')
$9,500
10 KW LP Gas Generator
$2,500
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WANTED Puppies For Pets

AKC, Purebred, Mixed Litters.
Stud service for most breeds
Transportation provided
Forest Ridge Kennel
296 S. Vintage Road
Paradise, PA 17562
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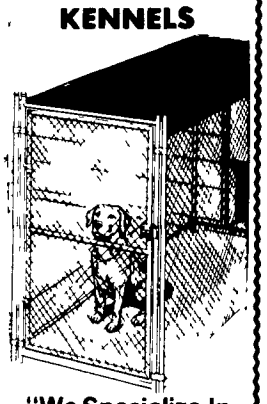
CUSTOM BUILT CHAIN LINK KENNELS



"We Specialize In Kennels"
Singles To Large Complexes
Apply To:
Quality Fencing & Supply
R.D. #1 - Box 428
New Holland, Pa. 17557
717/354-9760

PUPS WANTED by Jo Jo The Dog Man
$ Top Dollar Paid

Monday, July 28th
I wil pick up pups in the following towns: Christiana, 1 PM Kirkwood, 1:30; Quarryville, 2 PM; Georgetown, 2:30; Strasburg, 3 PM; Intercourse, 3:30; New Holland, 4 PM; Ephrata, 5 PM; Blue Ball, 5:30; Terre Hill, 6 PM; Honey Brook, 6:30; Morgantown, 7 PM.

Meeting points will be by most post offices.

Tuesday, July 29th
I will reopen the puppy stand at Root's farm Market on Tuesday, July 29th, 4-8 PM. There will be a $50 prize for the cutest pup + a $100 prize for the person who comes the farthest distance with pups that I buy.

Root's Farm Market is located in Manheim, PA off Rt. 72. For details call

Jo Jo The Dog Man
on July 28th or 29th, 6 AM - 9 AM
Phone:
609-452-8903

P.S. Last weeks winner of the $50 prize for the nicest put was Enos K. King, Jr., Lancaster Co., PA. The winner of the $50 prize for the farmer who came the farthest distance was Philip Kidney, Potter Co., PA.

27 PETS

Catahoula Pups: Beautiful new litter of pups for sale. The perfect dog for your farm & home. Assorted colors available. Working farm dogs available also. 215-493-4900.

For Sale: 10 Registered Collie pups, 8 weeks old. 717-354-0316

Komondorok for predator control, AKC pups from OFA parents, $400. 914-358-4951 or 914-735-7011

Registered Australian Shepherd puppies, excellent working/herding dogs and companions, very flashy litter, shots and wormed. Call anytime. 607-699-3775. Nichols, NY.

STUD SERVICE English Mastiff. AKC Registered. Pedigreed. Apricot. Evenings, 717-665-7330.

WANTED-Puppies, all breeds. Jack's Dog Farm, Rt. 611, Pipersville, PA 18947. 215-766-8802

Wanted: White Guinea Pigs. Call 215-267-2037.

PUPS WANTED
AKC & Cute Curly Mixes, 7 weeks old for pets only. Highest cash prices paid. Reliable weekly pickup. Call The Puppy King at Pet Depot.
201-295-2442
Daily
201-899-5868
Early Morning
Call Collect
215-350-5249
Thursday Only

Australian Shepard pups, tails docked. Four males, one female. Frederick County. 301-447-2247.

$ $ $ $ $ $ $ $ MONEY FOR PUPS
in litter lots for resale in my pet shop. Will pick up. Cash paid.
Call **Charlie Hackett** mornings.
1-215-681-5236
$ $ $ $ $ $ $ $

31 NOTICE

LAND FILL WANTED
Lancaster, PA.
717-397-7695

32 MISCELLANEOUS

00 Frick friction feed sawmill, complete, ready to saw. Must sell. Loosing storage, $1,800. Charles Watson, 301-662-4726 or eves. 301-898-9180.

4-24'-6"x20" "I" Beams, new 6 ton electric winch w/remote, 6" Rockwell planer & motor. 717-527-4974.

CASH for your piano or sell on consignment. Call Ken at 717-392-3233.

FOR SALE: Christmas Trees: Douglass Fir and Scotch Pine. Send for brochure. Wholesale. Adams Co. Clair Showers, 630 Clearview Rd., Aspers, PA 17304. 717-677-8881.

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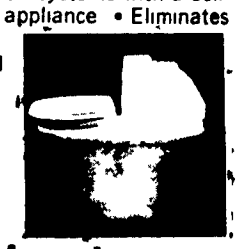

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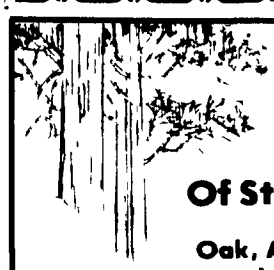

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34 AUTOS

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35 TRUCKS AND TRAILERS

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1980 Int. 1854S model, 466 diesel, power steering, 5+2 spd., 22' Morgan Van body; 1978 Int. 1800, 446 V8, 5+2, power steering, air brakes, 34,000 GVW, 38,000 original miles; (2) 1977 Int. 1800's, 404 V8, 5+2, power steering, air brakes, 32,000 GVW; 1977 Ford LN800, 391 V8, 5+2, power steering, 22' Duralite Van body, 27,500 GVW; 22' tandem steel dump trailer w/55" sides. 301-877-9889

1981, 32' Morgan alum dump trailer; 1974, 28' Morgan alum. dump trailer; 4200 gal. alum. fertilizer tank on 32' flatbed trailer; 1974, 40' flat trailer; 1971 non-sleeper CO freightliner, V8 Cummins, 13SP, wetline. 301-357-5088.

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27' alum. dump trailer, good condition w/radial tires. $7,200. or Best Offer. 201-359-5934 evenings.

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'82 Chevy Scottsdale C30, dual wheel, cab & chassis, 454 4 spd., PS, PB, 10,000 GVW, 84" CA, 2 to choose from. $6,950 717-733-2873

'83 Ford F350 dual wheel, cab & chassis, 6.9 diesel, 4 spd., PS, PB, AM-FM, 10,000 GVW, 84" CA, 22,000 miles, excellent condition. $8,950 717-733-2873

'83 GMC 3500, 1 ton w/10' flat bed, 454 auto, PB, PS, air, 9,000 GVW, $6,950. 717-733-2873

'84 Chevy ¾ ton pickup, 350 auto., PB, PS, 8,600 GVW, radial tires, $7,450 717-733-2873

'84 GMC 3500 dual wheel pickup, 350 4 spd., PS, PB, 10,000 GVW, 38,000 miles, $8,500 717-733-2873

'85 Chevy ¾ ton, 4x4, 350 4 spd., PS, PB, AM-FM, dual tanks, radial tires, $9,950.; '85 Chevy ¾ ton, 4x4, 350 auto., PB, PS, dual tanks, 18,000 miles, $9,950. 717-733-2873

'85 Chevy G30, 14' hi cube Van, 350 auto., PB, PS, 10,000 GVW, 12,000 miles, like new, $11,995 717-733-2873

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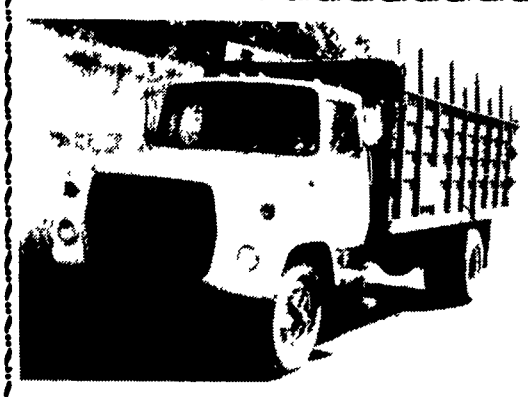

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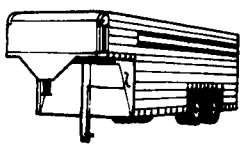

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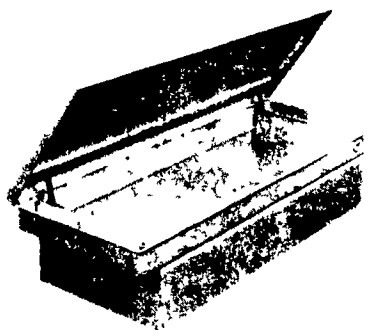

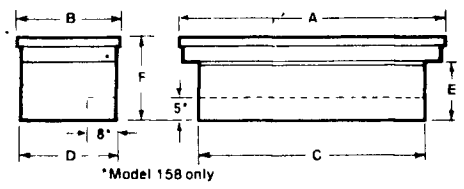

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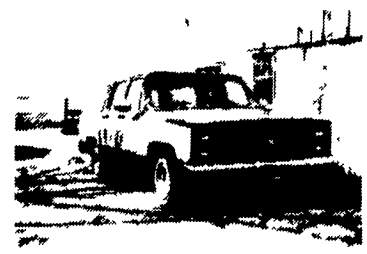

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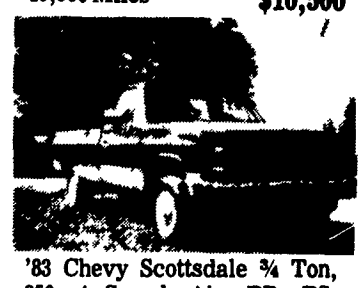

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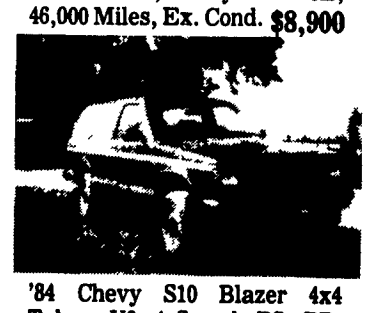

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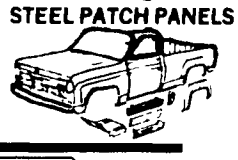

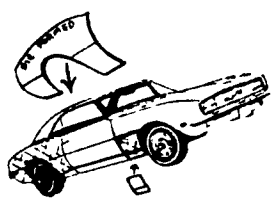

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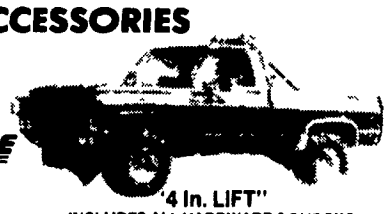

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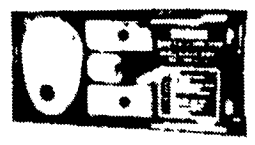

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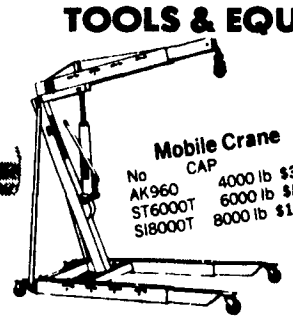

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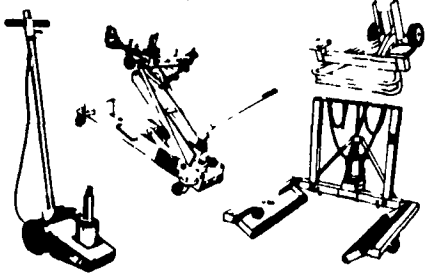

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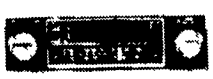

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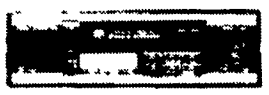

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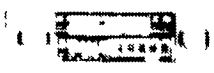

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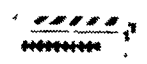

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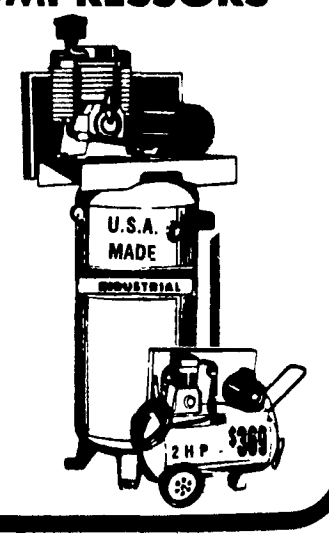

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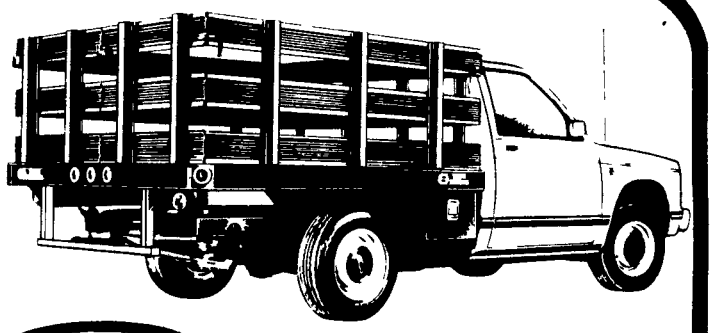

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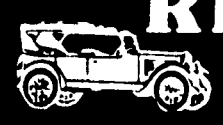

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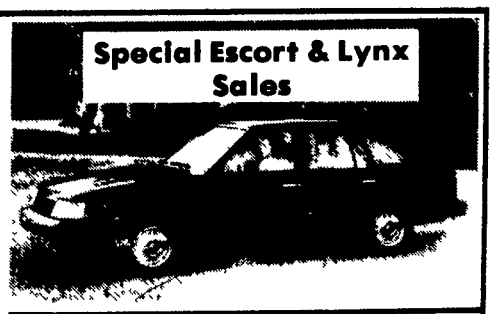

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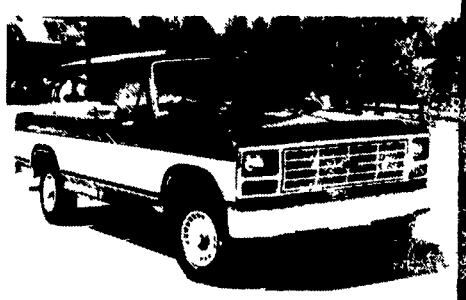

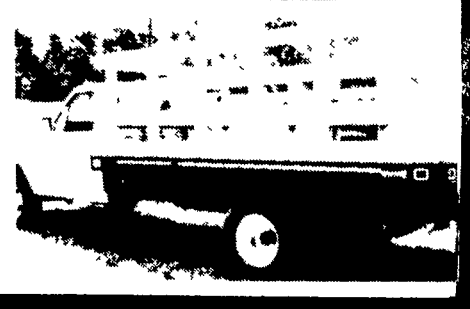

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36 REAL ESTATE

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2 FARMS, BERKS CO., PA: 84 acre dairy farm, 43 stanchions, silo, 650 gallon milk tank, lots more, $150,000. 67 acre general farm, $175,000. Financing available. Call Pieller Real Estate, Robesonia, 215-693-5624.

2½ story brick house, Leola area, lot 116x140. Call Listing Agent, Ken Buchen, 717-354-9787. Century 21 Musser-Ochs Realtors, 717-738-3766

65 ACRES, JEFFERSON CO., W.Va., 3 mis. from Charles Town. 2-bath, 4BR dwelling w/many extras; 2 barns (block & frame) w/mows; good fencing for horses or beef; driveway black-topped; evergreens, maples, shrubbery. All buildings in good condition. Ample water supply. Owner Financing. P.O. Box 105, Charles Town, W.Va. 25414.

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CHESTER COUNTY, WEST FALLOWFIELD TWP.: 15 acres, large farm house, bank barn and stables, excellent level farm land, $195,000. Call Coates Realtor, 717-291-1542, after hours call 717-354-9534.

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Young amish family wishes to rent dairy farm in fall of 1986. Have cows and equipment. Lancaster Farming, P.O. Box 366, L-103, Lititz, PA 17543.

FOR SALE: 242 acres, 85 woodland, balance pasture, tillable, farm pond, 2 sets buildings. Quiet, private, no neighbors in sight. Excellent hunting, club grounds. Bradford Co. Rudy E. Miller, RD2, LeRaysville, PA 18829.

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York County Farm, 910 Acre Valley Farm, 650 tillable, high producing soil, 4 homes, large barns, 6 silos, 4 grain storage bins, double milking parlor, near Route 83. L-4954.
717-632-6400

110 acre limestone farm. 15 minutes from Carlisle or Shippensburg. Excellent for crop and livestock production. Approximately 3800 ft. frontage. Excellent possibility for subdivision. $238,000. Hooke, Lebo & Stewart, 717-243-4929.

FREE CATALOG
#56 Farms, Homes & Businesses in 15 States.
American Farm Digest
3546 Watson Rd
St. Louis, MO 63139
800-325-9943

LARGE SELECTION OF
SHOWPLACE DAIRY FARMS
And Others In The Mohawk Valley and Central NY
- OVER 200 FARMS AVAILABLE -
SEND FOR BROCHURES
Farm and Rural Property Specialists
Homestead Realty
Auriesville Road RD 1
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(518) 922-6301 OR (518) 922-8899

FOR SALE BY OWNER
Schuylkill County
Country Gem

55 acres M/L, woods and open field. 8 room stone and frame house. Barn and outbuildings well-maintained. Stream fed pond. Fenced pastures. Easy access to I-78 and I-81.

717-739-4852

AN INVESTMENT IN HERITAGE

Close to Honeybrook lies 60 acres of fertile farmland. Nutured by our ancestors, this property has valuable potential. A 12 room stone house and two barns accompany this land. Make this property your investment. Call for more information. ML 85767. **717-569-5500 $298,000.**

concept 100 **Real Estate, Inc.**
1630 Manheim Pike
Lancaster, Pa. 17601

SPECIALTY FARM
WAYNE COUNTY

Start your own business immediately! With 25 acres of excellent stone free fumigated loam soil. Large pond w/complete irrigation system. 7 acres of strawberries to be picked soon, 2 acres of new strawberries ready for picking next year, 4 acres bearing asparagus, enough road frontage for five building lots. Guaranteed to make $25,000 to $40,000 this season. Would make a good top soil farm. Owner will show and help buyer with business and carry financing. An excellent opportunity for someone.

Call for more information
Ro Bar Real Estate
Roy Hawman, Broker
315-946-9426

BEDFORD COUNTY

2 farms - 2 sets of buildings

327 acres - $522 per acre

Each home w/2 baths, oil hot water heat, modern kitchen. 2 barns, running water and stabling for beef, sheep, or horses, all fields have excellent fencing, individual water supply, bordered by wooded areas for grazing. Each set of buildings have individual settings in private picturesque location beside a winding drive. Land runs a mile beside a black topped highway. Every acre portrays an artists dream and miles of sweeping views. Will divide to suit buyers. Short drive to Breezewood, Rts. 30, 70, and Turnpike.

Everett G. Henderson, Broker
Twin Valley Farms
Breezewood, Pa.
814-784-3102

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Dairy Farms Stocked & Equipped or Bare, Homesteads, Vacant Land, Waterfront Property, Businesses.
Write or Call.
FOURNIER REAL ESTATE
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Gouverneur, N.Y. 13642
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Broker - Owner

CHRISTIAN M. MOSEMANN
Real Estate Broker
James L. Marsh
717-529-2678
Marlin Kreider
717-627-8244

LANCASTER CO.

10 Acre Lot, northwest of Manheim near Ruhls Church several miles from Lancaster/Lebanon Interchange of PA Turnpike

FRANKLIN CO.

New Listing - Motel 2 Acres in Path Valley at turnpike Exit 14 & Rt 75 10 Units with 1 room apartment $70 000

New Listing - 165 Ac General Farm in path Valley near Exit 14 (turnpike) & Rt 75 $159 500 Frame bank barn 2 silos with unloaders 6 BR dwelling

New Listing - 103 acres dairy $135 000 Remodeled dairy 42 tie stalls calf area one 20x60 silo w/unloader one 10x30 silo shed 20x35 4 BR house

194 Acre General farm, only $196 000 Large bank barn farrowing house w/16 farrowing crates 2 BR dwelling w/conveniences remodeled 150 acres tillable Limestone soil

95 Acre Dairy - 24 stanchions loose housing area limestone soil 2 silos 1 2 story building for calves, large 2½ story brick dwelling

107 Acre Dairy w/2 silos w/loose housing, 14 stanchions 2 dwellings w/conveniences

107 Acre General Farm w/bank barn 2 story chicken house, 1 story hog finishing building for 200 head

DAUPHIN CO.

New Listing - 520 Acres includes 90 free stall dairy barn 3 Harvestore silos 47x525 cage layer house including egg cooling room & other bldgs

SNYDER CO.

50 Acre Woodland w/some tillable overlooking Walker Lake West of Middleburg

PERRY CO.

61 Acres, mostly wooded along Rt 850 E of Kistler

130 Acres, frontage on Rt 17 N of Kistler 55 acres tillable remainder woodland Good hunting and fishing area

LEBANON CO.

1½ Acre Log & Frame 4 BR dwelling surrounded by a State Park Cooling refreshing mountain water north of Lickdale

10 A Woodland, SE of Myerstown

152 Acre Dairy, NE of Hershey 80 free stall Herringbone milking parlor silo bulk milk tank 5 BR dwelling w/conveniences

CUMBERLAND CO.

New Listing - 80 Acres $99,500 Near Newville beautiful setting along creek, 3 BR dwelling, fireplace in kitchen, bank barn & other bldgs

New Listing - 98 Acre Dairy, $160,000 36 Tie stalls, cleaner, 16x70 silo, unloader, 3 BR dwelling Southwest of Carlisle

New Listing - 82 Acre poultry boiler farm near Shippensburg 44x400 broiler house, implement shed 30x60, large 4 BR dwelling

New Listing - 60 A General farm north of Shippensburg 4 BR & bath log & frame house, oil hot air heat, 40x36 barn attached shed 12x24 40 Acres tillable balance wooded

106 Acre Dairy, 27 tie stalls room for 50 cows, loose housing 4 BR 2½ story dwelling w/conveniences

108 Acre Dairy, 27 tie ins loose housing 96 acres tillable & some woodlands 2½ story brick dwellling w/4 BR's & conveniences

184 Acre General Farm 3 BR dwelling remodeled home

Other farms in many counties available

CHRISTIAN M. MOSEMANN
734 Main St., Akron, PA 17501
PH: 717-859-1004
24 Hour Service

FOR SALE BY OWNER

167 acre northeast Pennsylvania modern dairy farm. Mostly tillable w/2 houses, nearly new free stall & dry cow facility, 4 silos w/unloaders, automatic feeding, double 6 totally automated parlor, 1500 gal. bulk tank, large new machine shed, 150 head of cattle, some machinery included.

717-222-4432

LEBANON COUNTY ...

100 ACRES (m/l)...90-95 tillable! This is an excellent farm for income cash flows. Hog finishing building, 750 head out yearly; 37,000 capacity layer house with all new equipment; bank barn set up for 90 to 120 head of beef with taper board feeder; (2) 16x60 concrete stave silos; 60x24 concrete trench silo; other buildings include 5-bay equipment shed, 4-bay equipment shed and 4-car garage; 2½ story frame-aluminum siding house.

RICH BRANDT FARM REAL ESTATE
2230 5th St. Highway, Reading, PA 19605
(717) 274-3622 - office - (215) 378-1122

Modern Dairy Farm For Sale

FRIDAY, JUNE 20, 1986

7:30 P.M.

1612 Pecks Road
Middletown, PA
(Dauphin/Lancaster Co. Line)

Directions: Take 441 So. out of Middletown (Approx. 5 Miles) to Pecks Road & turn left. 2nd farm on left. Watch for signs.

99.9 acre farm featuring a 50 tie stall milking barn; 100 head freestall barn; large block machine shop; tobacco barn; corn shed; blacktop driveway; automatic feeder; barn yard completely cemented.

Silos: One 22'x80' Concrete Stave
One 20'x70' Harvestore
One 20'x60' Harvestore
One 12'x50' Tile

House: 2 Story Brick w/slate roof
4 Bedrooms
2½ Baths
Custom Kitchen

Brick farm house with completely remodeled kitchen, formal dining room, living room & family room. Quaint brick house (Approx. 25x35) w/slate roof next to main dwelling with patio connecting. Would be an ideal guest house, farm office or shop. Yard filled with beautiful shade trees.

Land is level to gently sloping with high yields. (Up to 200 bushels of corn per acre).

Location is excellent for retail dairy operation & for marketing dairy cows.

TERMS: Cash, cashiers check or certified check w/$25,000.00 down night of sale. Balance to be paid in full w/in 30 days.

Not responsible for accidents.

Farm can be shown by calling (717) 569-6800 or (717) 569-2106

Owner
MARVIN E. MILLER

Sale Manager:
Mel Kolb, Inc.
(717) 569-6800 or (717) 569-2106
Auctioneer:
Robert C. Mullendore #AU-00644-L
Clerk:
C.L. Metz

10 AC retreat, 3 BR, 1½ bath, 2 wells for second home if needed $25,500 (M1773)

LAWTON'S MT., 4 room chalet, stone fireplace, basement, 14 private acres, distant views Perfect retreat $55,000 (M1772)

24x36 BARN 3 stalls tack room, well, electric, 11+ acres, ready to add a home $19,900 (M1770)

RETIREMENT rancher, needs some work, 2 37 ac , garage, distant views, only $28,000 OR better 3 BR rancher, 2 car, basement, wooded setting $34,500 (M1764, 1759)

BEEF/HORSE Farm - 36 Ac w/barn, outbuildings, large remodeled house, pond $65,000 (M1737)

CALL/WRITE LISTS
ERA-Homestead Realty
267 S. Main St.
Mansfield, PA 16933
717/662-3287

CAMP near State Land, 10 wooded acres - $15,900. (W1037)

2 APARTMENT home, small village, nr State Land, Retreat w/built in supervision $29,900, OR 6 rentals + home on 21 beautiful acres near town but private $92,500 (W1036, 1026)

RANCHER overlooking lake & State Land Perfect retreat, summer home or retirement $28,900 So exposure (W1031)

8.7 ACRES on Marsh Creek near Pine Creek & State Land, hunt/ski/smowmobile $3,500. (W1023)

OWNER TERMS - 10 ac., fishing stream, ½ woods near State Land $9,500 (W1021)

LODGE 2 sty + 26'x40' shell, 46 beautiful ac res borders State Land + Asaph Run (fishing) on site - $46,900 (W1019)

20 ACRES on top of mountain, see forever, ½ woods, easy access, v private, unique $14,900 (W986)

CALL-FREE LISTS
ERA-Homestead Realty
23 E. Ave.
Wellsboro, PA 16901
717/724-7161

FADED LADY - older 4-5 BR home in small town Lg lot, needs a face lift Easy walking distance to stores & churches Affordable at $17,500 (D488)

COUNTRY CAMP Almost 10 acres borders two roads, older home in need of repairs, well and septic Hunt both NY and PA from here Only $14,800 (D491)

SCENIC VIEW from this English tudor home 4 bedrooms, bath and a half. Basement & TV dish. Situate on 12 ac in Deerfield Twp. $73,000 (D487)

PRIVATE PARADISE 40 ac , pond, small barn & 10 room contemporary home. Needs to be finished. Mostly fenced, open/wooded. Potter Co. $59,500 (D416)

CALL OR WRITE FOR FREE LISTS
ERA-Homestead Realty
168 W. Main St.
Westfield, PA 16950
814/367-2222

ERA

SHEETZ REAL ESTATE
RAY N. WILEY INC.

323 W. Main St.
Mount Joy, PA

CALL 653-1481

FARM LISTINGS NEEDED

Farm Salesman - Eugene Kreider

NEW YORK FARMS

No. 654 - 200 acres flat to gently rolling land, modern 2 story barn w/pipeline, 60 tie stalls, heifer facility, 2 silos, machine shop. A very attractive farm w/good location. $165,000 Large financing to sound buyer

No. 672 - 375 acres, recently free stall and parlor, top condition w/105 stalls, good 4 BR home. Large financing available.

Village Farm - 140 acres, 54 stall barn, pipeline, barn cleaner, nice 4 BR home, good land and location. A steel, $75,000.

We have many good farms, all sizes. Spend a day with us. We won't waste your time.

Call

POSSON REALTY
Norwich, NY
607-334-9727

FARMETTE

90 Acres - Large 9 room house, 4-5 bedrooms, family room w/stone fireplace. Large barn & large machine shed. This can be used for beef, sheep or dairy farm. It's set up now for 44 milkers. Prime crop ground, more land available. Call for more details.

FARM ESTATE

50 acres, large 8 room house, fully remodeled. 4 bedrooms, 1½ baths, 2 story barn, 3 story barn w/shop and storage. Attractive! and nicely landscaped.

SECLUDED

Lovely 3 bedroom home nestled in the woods on 10 acres. In prime hunting area Price $42,500.

Endless Mountain Real Estate
#1-203-A, Covington, Penna. 16917
717-659-5684 - Office
717-549-4173 - Home
Richard Chamberlain, Broker

PENNA FARMS
FRANKLIN CO.

Limestone Soil 5 acres to 175 acres You decide Double four Herringbone parlor, 4 in line milking units, bulk tank, 40x80 lagoon, 50x80 bank barn 96 free stall pole barn, 2 family dwelling (stone and brick), each 3 BR - Never failing spring

119 Acre Limestone Soil, 40 tie stalls 2" pipeline milker, 600 gal tank, 2 silos, large remodeled 5 BR frame dwelling (2 family potential), seasonal stream, road frontage Beautiful setting

107 Acre General, 86 acres tillable, 10 pasture, 8 wooded, large bank barn, wagon shed with attached garage, 3 BR brick dwelling, 2 streams

CUMBERLAND CO.

165 acre modern dairy farm, double 4 Herring Bone parlor, 99 free stalls, 2-20x60 Stave silos w/unloaders, implement storage, road frontage, MODERN 3BR dwelling w/fireplace and family room, attached 2-car garage

95 Acre General Farm, 2 story Colonial brick and aluminum dwelling w/brick fireplace and car port Nestled among the trees Secluded from neighbors but adjacent to mountain for the indidivual wishing to have horses for riding Fertile sandstone soil, 20 acres wooded w/timber, large horse barn w/16 stalls and other outbuildings

Charles Wenger, GRI, 263-0945
George Ebener 249-4979
Wilbert Diehl 776-7707

GEORGE L. EBENER & ASSOCIATES REALTORS
139 W. High St., Carlisle, Pa.
Ph. (717) 243-6195

FOR SALE OR LEASE

Established Agriculture Business

Located in the heart of Morrison Cove, two miles south of Martinsburg, Penn. Consisting of 1.6 acres of ground, which includes 3 warehouses and a garage of a total of 19,000 sq. ft.

Fertilizer Equipment Available. Plus Other Equipment.

Excellent Location and Facilities.

Call For Other Possible Arrangements
Phone 814-793-2118

Perry and Juniata Counties

"JUNIATA COUNTY" - near McAlisterville - ¾ acre with frame 24x42 cabin. Furnished. Asking only $10,000.

"SAVILLE TOWNSHIP" - 5 acres of woodland - 2 bedroom mobile home with new well and septic system. Along Foose Ridge. Asking only $25,500. Perry County.

"RACCOON VALLEY" - Perry County. Two bedroom Rancher, 5 acres, woodstove, basement, secluded location for year round living. Asking $44,900.

"JUNIATA COUNTY" - Susquehanna Township - 2 bedroom mobile home - five acres - southern exposure - view. $19,900.

"SUSQUEHANNA RETREAT" - secluded mountain acreage. Easy access to Susquehanna River and State Hunting Land. 4 acres up to 17 acres.

GREEN ACRES REALTY CO.
Newport, PA
717-567-3312
Agent Clair R. Benner **717-444-2162**

LANCASTER CO.

Small acreage, rural properties.

Denver area. 4 bedroom, 2 story with small barn. 3 car garage. Large enclosed pavilion. All on 2 acres.

Reinholds/Denver area. 3.9 acres with 3 bedroom, 2 story. New kitchen and bath. Ideal property for 4-H projects and horse lovers including a stream.

JUNIATA CO. ALONG RT. 35
2 NEIGHBORHOOD FARMS

15 Acres - Less than 1 hour from Harrisburg, minutes from Rt. 322. Restored colonial 2 story w/2 fireplaces. Located in a beautiful mountain valley. Good barn included. Great value, $81,000.

94 Acres, over ½ wooded, good farming ground, stream, deer hunting & excellent cabin spot, frontage on Rt. 35, priced in the sixtys.

OLD HISTORIC MILL

Old Historic Lancaster Co., 3 story stone mill, ready for restoration. Also, millmasters house, beautifully restored 8 room home, 2½ baths, central air, on nearly 2 acres, quiet setting.

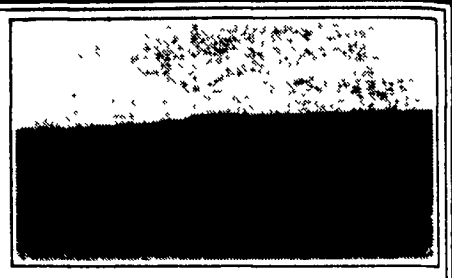
Garden Spot Schools, 5 acres, 4 bedroom brick custom 2 story home 2,350 sq. ft. 2 car garage with workshop, 8 years old, wooded setting, just off of Rt. 625.

Dauphin Co. Farmette, modern farmhouse, large barn, enjoy country living on your own 3 acres. Many possibilities ML10740.

Lycoming Co. Hunting or vacation cabin, rustic 1½ story, modern conveniences & lots of privacy. 18 Acres to call your own. Joining State Game Land. Also 10 mi. off of Rt. 15. Reduced to $42,500.

KINGSWAY REALTY
REALTORS
1770 Oregon Pike
Lancaster
Phone 717-569-8701
or Ephrata 717 733-3344
REALTOR

Outstanding 525 acre farm near Roanoke Virginia Well fenced and watered with ex cellent growing conditions for its improved pastures of native bluegrass (275 acres) Also includes 26 acres fenced cropland and 200 timberland Well mantained farm buildings Beautiful one story brick home with three bedrooms and three baths RARE OP PORTUNITY
$395,000



Contact For Further Information On This and Other Fine Virginia Farms and Properties.

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Accredited Farm & Land Broker
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Real Estate Services

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Accredited Farm & Land Broker
Home 703/463 2740

21 North Main Street, Lexington, Virginia 24450 ◘ Telephone 703/463-7168

CENTRAL PA FARM LISTINGS

BLAIR COUNTY

GENERAL FARM - 245 acres (171 tillable 8 pasture 66 woodland and site area) sound 2 story brick house tenant house, 2 story bank barn (all steel and cement) productive land all continguous with buildings Tyrone area $277 500

CENTRE COUNTY

GENERAL FARM - 197 acres (153 tillable 9 pasture 10 woodland balance lowland and site) limestone ground 2 story frame house, large bank barn with new superstructure, good outbuildings, small stream Buffalo Run (Route 55) 10 minutes from State College $259 500

FARMETTE - 36 acres (31 productive tillable land, balance site and pasture) sound and partially remodeled 2 story home, bank barn, outbuildings, small stream Penns Valley Area Fairly priced at $90 000

FARMETTE - 29 3 acres (8 tillable, balance pasture, woodland and site), attractive 2 story home bank barn, large pole type enclosed implement shed nice private setting Axemann area $119,500

FARMETTE - 31 acres (22 tillable, 6 pasture 3 site) near Aaronsburg with sound 2 story log home with aluminum siding, good bank barn and outbuildings, small stream, nice setting $112,500

DAIRY FARM - 122 acres (97 tillable, 22 pasture, 3 site and roads), mostly Hagerstown ground, sound 2½ story house bank barn with 34 tie stalls, 96-stall free-stall barn, pipeline milker, 1,250 gallon bulk tank, 20'x60' and 14'x40' silos with unloaders, 20'x40' Harvestore (under lease) Priced at $182,500 Also available with an additional 95 acres for a total of 217 acres (130 tillable, 47 pasture 36 woodland 4 site and roads) and a second barn 3 additional implement sheds and 1 silo for a total price of $247,500 Near Stormstown

RECREATIONAL OR FISH FARM - 137 acres (62 tillable, balanced pasture and woodland), 3 large ponds, large recreational building, 2 story house (fair condition), 3 large ponds, large recreational building, 2 story house (fair condition) 2 trailers, secluded setting Near Spring Mills $149,500 Ideal for fish farming

GENERAL FARM - 155 acres (117 tillable, 32 woodland, balance site, roads and stream), sound 2 story house, bank barn 32 x344' 1 story poultry building, outbuildings, excellent producing ground small stream $212 500 Can be subdivided

GENERAL FARM - 215 acres (20 open balance wooded), 2 story home several pole sheds (one with horse stalls) hay shed and several other outbuildings Secluded setting, easy access, good hunting Port Matilda $135,000

GENERAL FARM - 48 acres (30 open, 16 wooded 2 site), an excellent completely remodeled 2½ story farmhouse sound bank barn, very good outbuildings, small stream Spring Mills Additional land is available Ideal for horses $149 500

HUNTINGDON COUNTY

DAIRY FARM - 338 acres (202 tillable, 56 pasture and lowland 78 woodland) sound 2 story brick house bank barn with 37 tie stalls, free stall barn with 51 stalls and bunk feeder 20'x60' and 20'x50' silos 15'x40' Grain-o matic silo for high moisture corn, farm shop, heifer barn, 2 implement sheds, stream frontage pipeline and bulk tank silo unloaders gutter cleaner Very well maintained $375,000 OWNER FINANCING

BEEF OR SHEEP FARM - 306 acres (approximately 140 tillable 117 pasture, 47 woodland, 2 site), 1 story brick home, 2 barns garage, 2 silos, 2 large implement sheds, excellent water supply, 3 ponds $259,500 Additional land available

DAIRY OR GENERAL FARM - 66 acres (55 tillable, balance pasture and site) sound 2 story aluminum sided house, bank barn with 43 tie stalls, new gutter cleaner, milkhouse, new 40'x40' implement shed, 14'x60' Lancaster silo, pond swimming pool $105,000 Also available with 129 acres (70 tillable, 53 pasture) $140,000

RIVER BOTTOM LAND - 55 acres (45 6 tillable), frontage on old Route 22, substantial Juniata River frontage Ideal for truck crops and roadside marketing OWNER FINANCING $99,500

LYCOMING COUNTY

GENTLEMAN FARM - 36 acres, (26 pasture, woodland and site), very nice 2½ story house, 2 story bank barn, 36'x140' one-story barn in good condition 20'x60' ribstone silo with unloader 2 very good pole buildings Near Williamsport $107,500

LIVESTOCK OR DAIRY FARM - Near Lairdsville, 270 acres (165 level, very highly productive tillable) Good 2 story house, bank barn, 60'x120' cattle barn, suitable for freestalls, 20'x60' Harvestore, 2 streams **Owner financing** $325,000

RIVER BOTTOM FARM - 93 acres (71 tillable), excellent stone and frame house sound implement shed, workshop building, large bank barn with 25 stanchions 3,500 bushel grain bin, substantial Susquehanna River frontage, Class I land 10% **OWNER FINANCING.** Muncy area $250,000

RIVER BOTTOM LAND - 41 acres (38 tillable) with road frontage on Pa Route 405 This is a portion of the farm listed above 10% OWNER FINANCING $82,500

NORTHUMBERLAND COUNTY

FARMETTE OR LIMITED ACREAGE DAIRY FARM - 27 9 acres (19 tillable, balance pasture), sound 2-story home, good 1½-story Cape Cod home, bank barn with 35 stalls, implement shed Near Milton $99,500 Also available as a 22 acre unit with 1½-story house for $65,000

MANY LAND PARCELS AND FARMETTES AVAILABLE
CALL OR WRITE FOR THE FREE LIST

FARM AND LAND DEPARTMENT

Fred Strouse (814) 364-1705
(Bedford) Richard D. Reed (814) 839-4271
(Huntingdon) Rachel Port (814) 669-4194
Don Myers (814) 422-8111
Mel Rockey (814) 466-6688

Frederick J. Kissinger, Realtor
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State College, PA 16801
(814) 234-4000

KISSINGER LEONARD & BROWER Realtors

The Professionals in Farm Real Estate Service
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Snyder County

130 acres, 90 tillable, 3 BR home, pond, barn for steers.

115 acres, fruit farm, 2 homes, barn. Will subdivide.

130 acres, 105 tillable, 2 homes, barn for steers.

145 acres, 100 tillable, 12 room home, and barn.

125 acres, house, barn, and cabin.

18 acre mini farm, house, barn, workshop. Union Co. Would be ideal for nursery or horses.

Union County

56.5 Acres, 45 tillable, 2½ story log home, barn, straw shed, silo and other outbuildings. Very private. $88,900

Integrity Real Estate
717-837-1061

STAR REAL ESTATE
Irv Boyer - Realtor
Lock Haven, Pa.
717-748-9519

CLINTON CO.. 85 acres on dead end road two story home, three bedrooms in ground pool Barn (need of repair) $85,000 00

CLINTON CO.. 11 acres with 490 foot frontage on Susquehanna River, two bedroom home with two efficiency units three large garages in basement Four hookups for mobile homes Seventies

CLINTON CO.: Price reduced on 128 acre Beef farm Owner financing

Evenings
717-726-6396
717-748-5222
717-725-3346

FARMETTES IN TIOGA COUNTY

53+ acres, mobile home w/addition, barn for beef, etc. **Only $49,500 #875**

Elite 5 bdrm home, 23+ acres, superb construction, **$125,000 #887**

11+ acres, 5 bdrm home, barn, more land available. **$51,500 #890**

4+ acres, partially remodeled home, barn, views **Only $41,500 #876**

4 bdrm modern home, double garage, 28.8 acres **$67,500 #868**

4 bdrms, barn on 16 acres, 3½ miles from town **$65,000 #884**

15 acres, 4 bdrms, barn, near PA Grand Canyon **$66,000 #879**

4 bdrm home, barn, outbldgs, 28 acres, Picturesque setting! **$79,500 #857**

202 acres w/stream, springs, house, 2 mobile home lots, subdivision possible, **$150,000 #872**

2 houses, barn, 125. acres, Oregon Hill area, **$135,000 #873**

50 acres, house, barn, Oregon Hill area, **$62,500**

50 acres, home, Oregon Hill area, **$51,500**

19 acres, wooded, Oregon Hill area, **$16,900**

5.6 acres, Oregon Hill area, **$6,100**

Call Al Stoltzfus
717-724-3500

Koch REAL ESTATE
9 Cone Street
Wellsboro, PA 16901

DAIRY FARM
CUMBERLAND COUNTY - WALNUT BOTTOM (near Carlisle)

185 tillable acres of level, rock free, fertile soil. Two story barn with 65 - 75 milk cow capacity. 16x30 heifer barn, 40x80 loafing barn, 2 silos (20x60 & 24x70) with unloaders, 5 bay implement shed, pipeline milker, milk house with 800 gal. bulk tank, new 400 amp service, automatic bunk feeders (100' long), 2 ponds and good well. Dairy market available. Extensive hard road frontage bisects farm. Two dwellings - beautiful 12 room, two story and modern 9 room rancher. Priced to sell. $375,000. Call Gale Bear at 717-258-6821 or write to 19 N. Baltimore St., Dillsburg, Pa. 17019.

VERNON E. ANDERSON REAL ESTATE
717-432-9745

Germany Valley

2 adjoining farms, totaling 316 acres, approx ½ tillable, has old stone house, large limestone caverns over 200' long w/underground stream coming out of ground w/trout reproducing in it Would make great recreational development or farming $850 per acre

Dairy Farm

With 8 room & bath brick home, 136 acres w/approx 100 acres tillable Limestone ground, 40x100' modern barn w/47 stanchions, 40x72' free stall barn, pipeline milk system, 1200 gal bulk tank, 14x65' concrete silo w/unloader, 40x80' & 20x60' implement buildings w/corn cribs along side, many other extras Located in beautiful Germany Valley, $195,000

Southern Huntingdon Co.

Dairy farm, 175 acres w/150 acres tillable, large barn w/44 stanchions, 2 nice homes, stream & good spring on property Many other extras $285,000

Colonial Real Estate Agency
814-447-5511

C.P. McGARVEY
Real Estate
RD1, Loysville (717) 789-3974
Joan McGarvey, Agent, 717-789-3974
Ron Shields, Agent, 717-789-3000

1.03 Acres along Rt 850, 3 mi. west of Kistler Septic system already in place Ground all ready for cabin or modular, etc **$9,000.**

Located at Kistler, Rt 850 and 17, 4 miles above Loysville Combination home and commercial property 2 story, 4 BR home in A-1 condition All renovated Also 28'x70' addition attached Was grocery store "If you want your own business, this is it" One car garage, nice yard and garden Only **$42,500.**

72 Acres, 35 woodland, balance tillable, old 2 story log house with new wiring, aluminum siding, partly refinished, near Blain, pond **$84,500.**

3.4 Acres wooded lot near Loysville on Freeman Hollow Rd Road frontage, will perk, asking **$11,000.**

1.7 Acres, Bower Ridge Rd. at Timber Ridge, underground electric, phone, wooded, road frontage, corner lot, asking **$9,800.**

Blain Borough - 4 bedroom, 2 story home, Newly refinished wall-to-wall carpet Nice barn on approximately 1 acre near elementary school Beautiful Asking **$48,500.**

Near Honey Grove - 10 Acres along Rt 850 & 13½ acres near Tuscarora Creek, Great hunting & fishing Septic system in place Asking **$14,900 & $18,500.**

Near Couchtown - 12'x57' mobile home, on approx ½ acre foot of Bower Mountain Lots of evergreen trees, asking **$13,500.**

Along Rte. 850 West Near Kistler - Approximately 2 acre lot with road frontage. All wooded view Perk approved Really nice **$6,500.**

Blain - Historic Blain Hotel and Restaurant, 5 room rentals and an efficiency apartment, new heating system, solar hot water, fully equipped, new dining room addition, soft ice cream machine, large 2 car garage Established business since 1800's **$105,000.**

35 Acres - Near Loysville, approved for subdivision, all wooded, great hunting, asking **$44,500.**

Donnelley Mills, 3 Bedroom, two story home, all paneled, built in kitchen, French doors, outbuildings, nice garden, only **$34,500.**

Near Loysville, 3 68 acres wooded, underground elec , road frontage, timberridge acres, **$9,800.**

LARGE RURAL TAVERN

APPROXIMATELY 4,000 Sq. Ft., in excellent condition & fully equipped. All licenses included - adjacent with Bald Eagle State Park (Sayer Dam). Centre counties outstanding fishing area. Asking $200,000. Call Miles Clevenstine, 814-383-2755.

FARM

124 ACRE DAIRY FARM - 7 mi east of Bellefonte, 106 acres tillable, level to moderate slope, 1600 sq ft 4 bedroom ranch dwelling, 2 story bank barn with 40x40 attached loafing shed, 16x55 Corlstone silo with unloader, 30 dairy stalls, pipeline. Nine acres marketable oak timberland Present use dairy, adaptable for other uses, high fertility soil. Asking $165,000. Miles Clevenstine 814-383-2755

RECREATIONAL LAND

160 ACRES - Huntingdon Co. With substantial stream frontage on Standing Stone Creek, outstanding trout fishing. Asking $105,000. Call Miles Clevenstine, 814-383-2755

86 ACRES Fronting Blue Ball Rd , Centre Co. Includes 3 BRs, 12x60 furnished mobile home in excellent condition, with elec , TV cable & well. Excellent hunting area Asking $69,000. Call Miles Clevenstine 814-383-2755.

360 ACRES ½ mile plus of road frontage, excellent hunting area with roaring run flowing through Some marketable hard & soft woods Located in Centre Co Price Reduced, Asking $135,000 Call Miles Clevenstine, 814-383-2755

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DAIRY FARM. Picturesque setting with stream babbling behind house which has modern kitchen and bath. 38 stanchion barn in good condition, 52 acres tillable, 32 pasture. Total of 166. 50'x18' silo. Currently in operation. $92,500. W-1102

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• 122 Acre, 100 T dairy farm, 47 tie stalls with 24 free stalls, 800 gallon tank, barn cleaner, pipeline milker, 20x60 concrete silo with unloader, good house with kitchen, dining room, 2 living rooms, 3 bedrooms and bath $110,000

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BERKS CO.

• 140 Acre Farm features lovely 2½ story stone home, modern kitchen, dining room, living room, center hall, 4 large bedrooms & bath, large bank barn, 2 large machinery sheds, small horse barn, large storage bins, gently rolling land with pond & stream, $460,000

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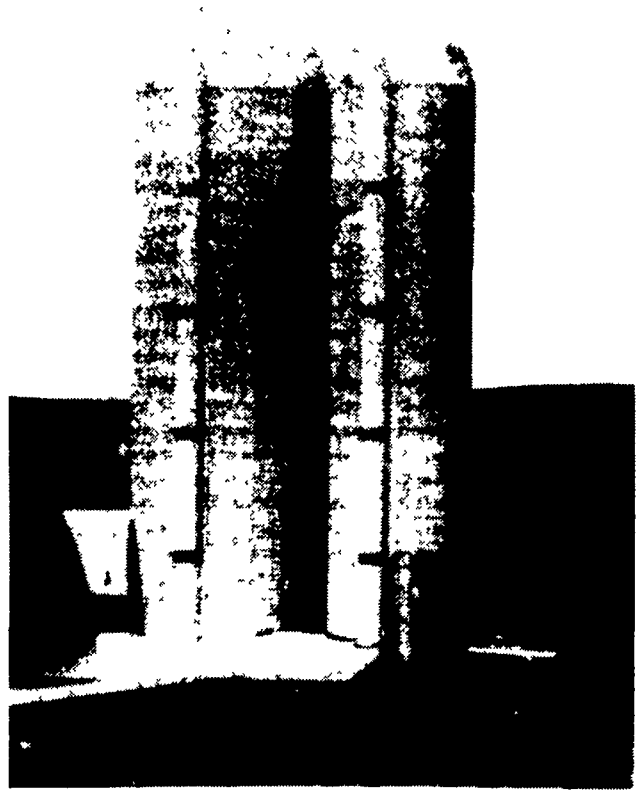

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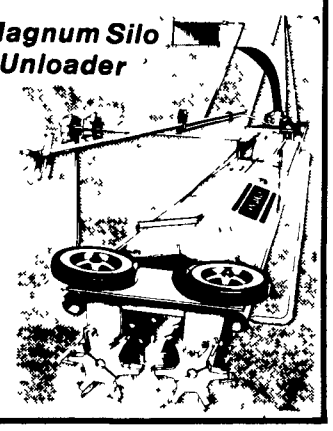

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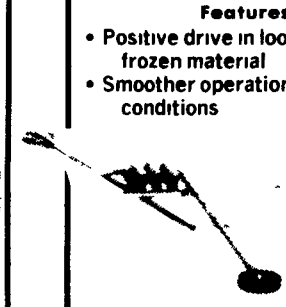

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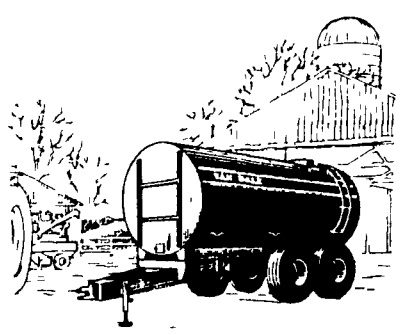

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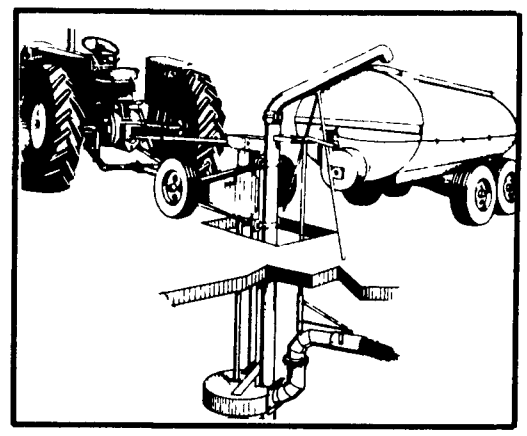

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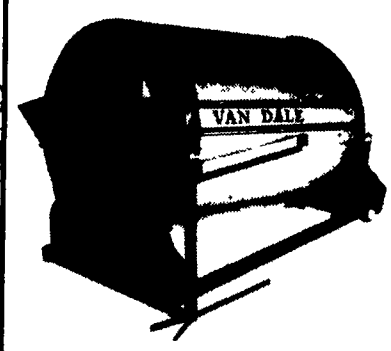

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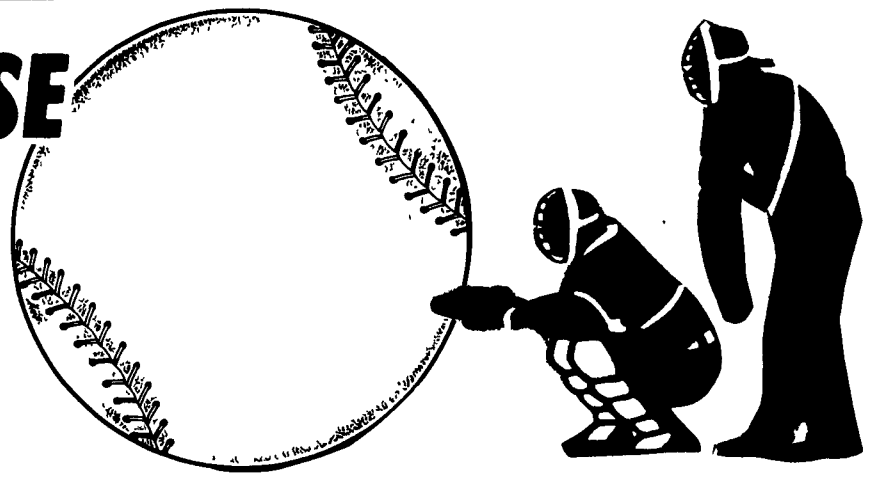

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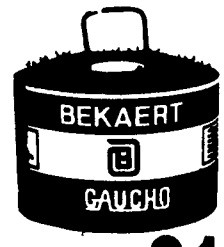
1½ Acre Bug Killer

49¢ each
17895-130
Steel Rod Elec. Fence Posts
- 48 long
- Made of 1' 32 steel



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- 80 rod spools

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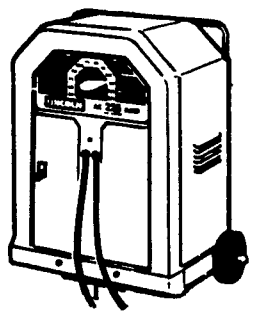

149.99
18040 115
225 Amp Lincoln Arc Welder
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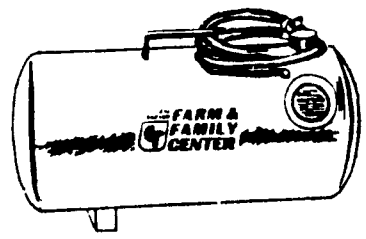
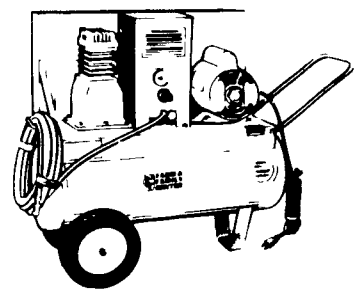
Welding Glove
18039 115 NOW 6.99



29.99 10 Gallon
17784 106
Heavy Duty Air Tank
- Complete with 6 foot hose chuck gauge and safety valve



204.99
17981-106
¾ Horse Power Air Compressor
- 15 air hose w/tire chuck included
- No additional regulator needed

24.99 5 Gallons
Red 9462 060 / White 9464 060
Acrylic Latex Barn Paint
- Excellent durability
- Self priming & self cleaning
- Not poisonous to animals

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Oil Base Barn Paint
- Oil base formulation
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Smooth galvanized steel wire for use with electric fence chargers.

17 ga. ¼ mi. 19102 150	6.29
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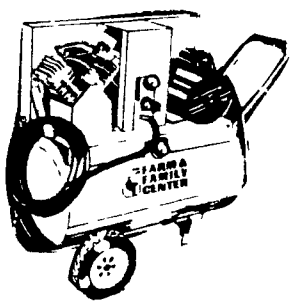
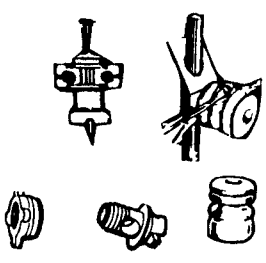


379.99
17984-106
2 Horse Power Air Compressor
- 22 gallon tank
- 15 air hose w/tire chuck included

15 Air Hose	17791 106	NOW 7.99
25 Air Hose	18400 106	NOW 10.99
50 Air Hose	18417 106	NOW 21.99



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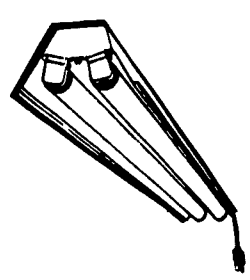
Nail Type 25/pkg 17879-130	1.19
Springboard 25/pkg 17880-130	2.79
Western 25/pkg 17899-130	2.19
Porcelain 25/pkg 17901 130	1.79



11.77
28206-311
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- Some assembly required
- 2 Bulbs Included

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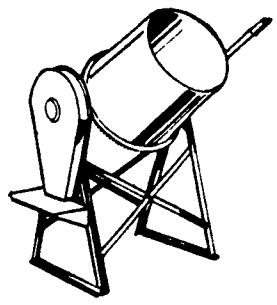

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- Cast iron drum base with steel walls
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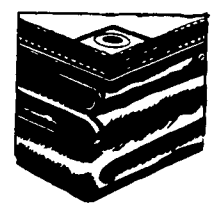
- Motor is UL Approved



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8'x12	20453-161	27.99
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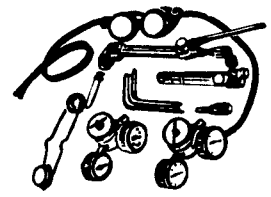
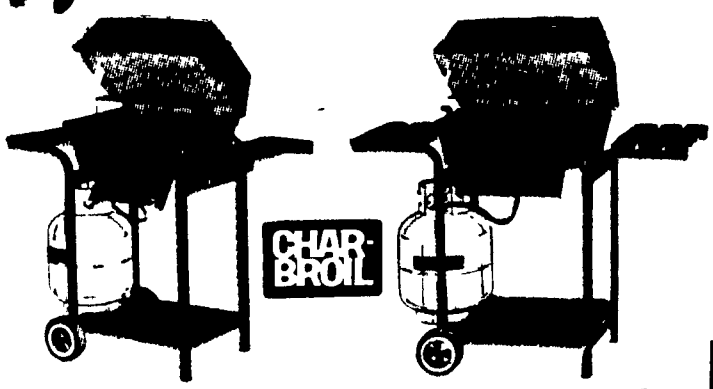
10 x16'	20457-161	45.99
12'x16	20459-161	54.99
12'x18'	20460-161	61.99
12'x20'	20461-161	69.99
16 x20	20766-161	89.99



137.99
18069 115
Oxy-Acetylene Redi-Set
- 20 ft 3/16 Duoweld hose



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Charbroil® 24,000 BTU Cart Grill
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- Unassembled

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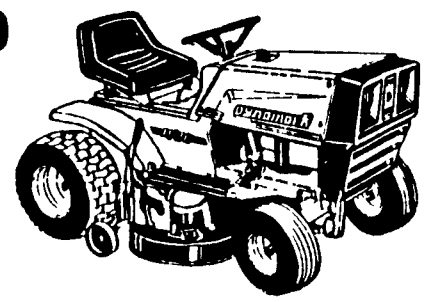
- Model 4218 13
- Briggs & Stratton twin cylinder engine
- Electric start
- 5 speed transaxle
- Triple blade full floating deck
- Accepts ground engaging attachments



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899.99
36" Deck Dynamark Rider
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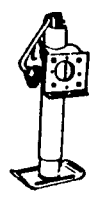

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CMA Technicians Nip Crop Problems In the Bud

BY MARY MAXWELL
Centre Co. Correspondent

"We started the first association because on many of the dairy farms around here things were not being done or being overly done," reminisces Murry McJunkin, Centre County farmer and organizer of Pennsylvania's first crop management association. "We decided to pay someone to do things we didn't have the time to do. Someone to monitor the crops, tell us what spraying was necessary so we wouldn't be spending money for materials we didn't need," McJunkin continued.

The crop management idea spread from that original Centre County association started seven years ago to a network of 14 associations in Pennsylvania involving 400 farmers and 75,000 acres.

A Better Bottom Line

The basic idea behind a crop management association is helping members farm more profitably. "Crop management practices used to be like buying insurance," said McJunkin. "You didn't know what you had so you'd spray for everything. We used stuff we didn't need rather than taking a chance. That cost us money."

For members of crop management associations that has changed. Now technicians hired by local associations regularly visit members' fields to observe the condition of the crop, check pest, disease and weed problems. Technicians then report their findings to the farmer and suggest corrective measures.

In addition, association members receive help with crop record keeping systems, crop production planning, soil, manure and tissue sampling. Associations also provide yield checks for corn grain. Some crop management associations offer yield checks for corn silage, alfalfa and soybeans, as well. While all CMAs do plant population checks for corn, others do them for alfalfa, small grains and soybeans. Some check grain moisture at harvest and others monitor moisture levels of stored grain. Several associations assist members with sprayer and corn planter calibrations. Many offer computerized crop record summaries. Each local association decides what services to provide for its members and each member may select from the services offered.

CMAs Popular With Dairymen

On a recent visit to the dairy farm of Master Farmer Joseph Hartle, technician Greg Connor checked the corn population and weeds and insects in the corn fields. He also checked Hartle's new seedings of alfalfa for weeds.

Then on another Centre County farm, Connor measured the member's fields to see if he was staying within his ASCS quota. He looked over a new seeding of alfalfa and checked the weed control in oats. In addition, Connor took soil samples on three newly-rented fields that had not been included in the member's annual fall soil testing program.

These services are particularly helpful to dairy farmers. Often, while tending to dairy herd management, they have had too little time to develop good crop management practices. This may explain why dairy farmers comprise almost 75 percent of CMA membership.

Each local CMA is owned and controlled by its members. Membership fees are also set by individual associations and are based on the number of crop acres the member wants to include in the program. According to Melvin Brown, coordinator of the Crop Management Program, the per-acre cost of membership (about a bushel and a half of corn or a couple of bales of hay) is a sound investment. There are payoffs in reduced risk of chemical contamination, improved soil conservation, and of course, greater profits.

Working With Extension

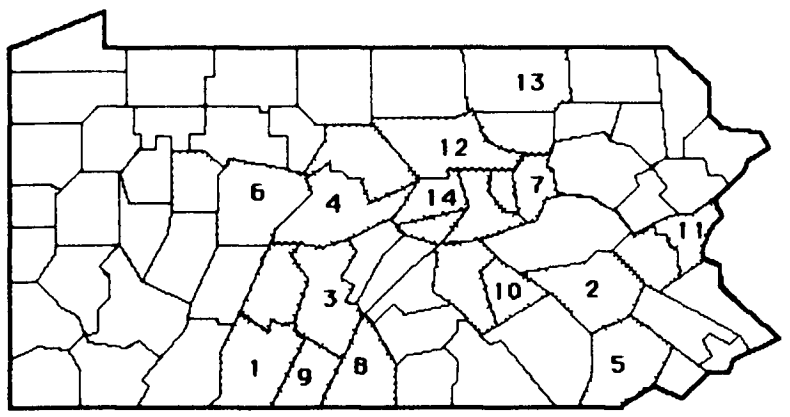
Local associations maintain a close relationship with county extension offices providing advantages to both groups. Extension staff help CMA directors and technicians with organizational and technical information. CMA technicians provide county extension offices with day-to-day assessments of field conditions.

"This relationship is even stronger now," says Brown. "We started a new program in May. CMA technicians throughout the state are able to use the Penn Mail computer network through local extension offices." Brown gets reports from technicians in his office on the Penn State campus on Wednesday mornings. If there are insect or disease problems, he may seek advice from Dr. Dennis Calvin, extension entomologist, or a plant pathologist. On Thursday the CMA technicians receive from Brown a summary of what has been observed in other areas of the state, plus recommendations for insect and disease control.

All local crop management associations have joined to form the Pennsylvania Crop Management Association which promotes the crop management concept in Pennsylvania.

For more information on CMA's, farmers should contact their local Cooperative Extension Service.

Crop Management Program coordinator Melvin Brown reviews reports from CMA technicians throughout the state. He then issues a summary, as well as recommendations to technicians.



Shaded areas indicate counties served by associations. Numbers indicate counties where CMAs are headquartered.

1. Bedford Crop Improvement Assoc. 2. Berks Crop Management Assoc. 3. Blair-Huntingdon Crop Mgmt. 4. Centre Crop Imp. 5. Chester Crop Mgmt. 6. Clear-Jeff Crop Mgmt. 7. Columbia Crop Mgmt. 8. Franklin Crop Imp. 9. Fulton Crop Mgmt. 10. Lebanon-Lower Dauphin Crop Mgmt. 11. Lehigh Valley Crop Mgmt. 12. Lycoming Crop Mgmt. 13. Sulbra Crop Mgmt. 14. Union-Snyder Crop Mgmt.

CMA technician Greg Connor (left) inspects a field map with Centre County farmer Joseph Hartle. During the week, Connor checked Hartle's corn population, and monitored corn and alfalfa fields for weeds and insects.

Extension Volunteers Help Community

WASHINGTON — What makes volunteers volunteer?

Researchers with the University of Wisconsin last year surveyed Cooperative Extension Service volunteers to find out. They learned Extension's nearly 3 million volunteers do what they do for a number of reasons — from helping themselves to helping Extension, the community and the people in it.

The volunteers' roles are just as varied as their reasons. They teach, counsel, organize, answer phones and raise funds. They work with more than 48 million people, including new parents, home gardeners, executives, senior citizens and many others.

One volunteer profiled here works with farm lenders and borrowers; the other, with low-income youth. Though their work is very different, they share one common purpose: giving something back to the community.

Helping Lenders and Borrowers Work It Out

When the local bar association put out a call for volunteers to work with the state's farm mediation program, recent law school graduate Bob Peterson immediately signed up.

"I saw an opportunity to return something positive to the farming community where I was born and raised," says Peterson, who now lives in a Minneapolis-St. Paul suburb. "My farming background, law degree and real estate brokerage experiences seemed the right combination for the program."

Launched this year, the mediation program helps lenders and borrowers embroiled in farm real estate conflicts make decisions about restructuring debts. The program is a cooperative effort of the Minnesota Department of Agriculture and Commerce, state Minnesota banking associations, Farm Credit Services, farm organizations and the Minnesota Extension Service. Extension has trained 300 volunteer mediators for the program since January.

"It's a frustrating, but rewarding process," says Peterson. "The farmers want to stay in business and the banks have a vested interest in keeping the farmers in business. But both sides must work out their anger, mistrust and lack of communication before getting to the task of restructuring debt and looking at options."

Peterson's role, and that of the other Extension volunteer mediators, is to work with the farmer and banker as a third, disinterested party. "I can interject new thoughts or ideas," he says, "but mediation only works when the parties are motivated to reach a solution."

Peterson belives the Extension agent is the one party in the farm crisis the farmer really trusts: "Farmers believe Extension personnel will keep their confidences, give objective feedback and point them in the right direction for help."

The volunteer mediation training is one facet of Project Support, the Minnesota Extension Service program for farm families needing financial and stress management assistance.

Bringing New Experiences To Low-Income Youth

Jeff Kellogg, a 25-year-old student at Humboldt State University, Arcata, Calif., knows classrooms aren't the only places to learn. He volunteers for an education program that shows local youth the great outdoors.

The program, 4-H LEAP (Leadership Education Adventure Program), brings leadership training and outdoor experiences to youth whose families live at or below the poverty level. The Extension Service cosponsors the program, which is the only one of its kind in the area.

"Teaching the kids new skills, both technical and interpersonal, and watching them apply what they learn is my favorite part of volunteering," says Kellogg, who coordinates the work of 40 other LEAP volunteers.

Kellogg says his commitment stems from his interest in outdoor education and his desire to help low-income youth in the community. He has contributed some 1,000 hours — or 15 hours a week — to the 4-H program.

And it seems to be paying off. Kellogg says the youth enjoy the new experiences and display signs of increased self-esteem and sensitivity.

Hundreds of college students and thousands of youth have participated in Youth Educational Services, the experiential learning program at Humboldt State that includes 4-H LEAP and other youth projects.

Seeing Eye Club to Meet

MOORISTOWN, N.J. — The Seeing Eye Inc. of Mooristown, N.J. and 4-H clubs have had a working relationship for more than 40 years to provide dogs as guides for blind people. Seeing Eye provides the dogs, instructors and training that furnishes the dog guides; the 4-H members and their families provide a loving home for the puppies during the first year of their lives.

The Seeing Eye puppy clubs are open to anyone ages 9 to 19, but the whole family becomes an important part of the project. 4-H members and their puppies are required to attend monthly meetings of these clubs. These meetings involve club business and obedience lessons.

The puppies are 8 weeks old when received by the 4-H'ers. They do not require any special training other than house breaking, being taught good manners and basic obedience commands. When the puppies are 12 to 14 months old they return to the Seeing Eye for their formal training. This training lasts for three months and during the 11th week the family that raised the puppy is then invited to Mooristown to see the dog working with his instructor.

The Seeing Eye provides the 4-H'er not only with a puppy but also a collar, leash, brush, project book, and bag of puppy food. The Seeing Eye covers all veterinary costs and provides an amount every three months to help defray the cost of feed.

In northern Chester County meetings are held monthly at St. Andrew's Church and are coordinated by Joyce Colket. A new club is forming in southern Chester County under the leadership of Margaret Johnson, and will meet at the New Garden Elementary School. The first meeting will be held on June 19 at 7:30 p.m.

For more information contact the Chester County 4-H office at 696-3500.

Ukraine A Key In Soviet Agricultural System

BY STEVE RENQUIST
Cargil Crop Analyst
Commodity Marketing Division

Editor's Note: Steve Renquist spent six months in the Ukraine in 1978 living and working on Soviet farms as part of a USDA exchange program.

The nuclear accident near Chernobyl in the Soviet Union in late April has raised many questions and caused much concern about its effect on Soviet agriculture.

The reactor site at Chernobyl is located about 60 miles north of Kiev, the capital of the Ukraine The major area affected by the initial release of radiation was in a 70-mile circle around Chernobyl, encompassing a large portion of the Kievskaya oblast. (An oblast is an administrative subdivision usually a bit larger than a county in the United States.)

The entire Republic of Byelorussia was the second hardest-hit area. This republic lies to the north of Chernobyl At the time of the accident, winds were blowing northwest out of the Ukraine, across Byelorussia into the Baltics, east Poland and Scandanavia. The majority of the Ukraine is not believed to have been seriously contaminated.

To understand what is at stake requires an understanding of the region's historic agricultural production, topography and weather patterns.

Soviet Breadbasket

The Ukraine, considered the breadbasket of the Soviet Union, makes up about 3 percent of the Soviet Union's land mass. The region supplies the populations of three major cities – Moscow, Leningrad and Kiev – with most of their food.

According to estimates from the U.S. Department of Agriculture (USDA), Ukrainian agricultural production accounts for nearly 25 percent of all Soviet farm production. Four smaller republics north of Chernobyl also contribute substantially to Soviet food production.

Together, the five republics account for nearly one-third of all Soviet dairy production. The largest sugarbeet production regions in the Soviet Union are located in the Ukraine, as are some of the largest winter-wheat and flax areas. Barley, corn and potatoes are among the Ukraine's major crops. The region also is one of the Soviet Union's largest swine-production areas.

These affected areas in the northwest European Soviet Union have a temperate, cool, moist climate. Because of their relative proximity to the Baltic Sea, they have a reliable moisture source. Rainfall is regular during the summer growing season, averaging 20-30 inches per year. The heaviest rainfall months are August and September During the winter, there are numerous light snows, but seldom does this area experience major snow depths.

Summer temperatures generally are in the 70s and 80s. It is unusual to have long periods with temperatures in the 90s. The frost-free growing season is 130-140 days Winter temperatures usually are moderated by the Baltic Sea and rarely go past 10 degrees below zero. However, the occasional Artic cold air outbreak does prevent this area from being a significant winter-wheat growing region.

Topography

The topography of the northern Ukraine and Byelorussia closely resembles Minnesota and Manitoba. The land is flat to gently rolling, with numerous lakes and marshes dotted across the countryside. It was once largely covered with forests of birch and pine. Today, many of the forests have been cleared for farming and grazing, but the majority of the countryside is still checkered with trees.

The gray and brown podzolic soils are not nearly as fertile as the famous chernozem, or black soils, of the southern Ukraine and middle Volga. (Podzolic soils are formed in temperate to cold, moist climates, usually under mixed forests. They are marked by an organic surface layer above a gray leached layer.)

These forest soils are often poorly drained, acidic and vulnerable to overcropping. Despite these problems, the soils can be quite productive when drained and limed and crops rotated.

Because of the cool, moist, relatively long growing season and the podzolic soils, this region is suited best for cultivation of winter rye, oats, potatoes, flax, sugar beets, pasture and forage crops. With the abundance of pasture and forage crops, this area also is ideally suited for dairy and livestock production.

These areas of the north Ukraine, Byelorussia and the Baltics during czarist times had a long history of numerous small farming communities. Byelorussia and the Baltics are still the most densely populated farmland in the Soviet Union. Now under the Soviet system of agriculture, these lands and small communities have been organized into two basic types of farms – the sovhoz, or state farm, and the kolhoz, or collective farm.

In general, the sovhoz is owned and operated by government-appointed people with little community involvement. The kolhoz is more of a cooperative organization of farm families granted perpetual rights to rent free state land. Local Communist party members elect the leaders, with final approval from the farm-board members. Members have more to say about production decisions and income dispersal.

The state farm usually concentrates on growing a few main crops for delivery to state procurement centers and little else. While the collective produces a few major crops, it typically tries to be more versatile, producing a lot of food stuffs for the community. This western region of the Soviet Union has many more collective farms that state farms.

By Soviet Standards the farms of Byelorussia and the Baltics are not large, making up only about 3 percent of the agricultural land of the Soviet Union

Despite the relatively small amount of farmland in these areas, approximately 10 percent of the Soviet rye, 5 percent of the oats, 3-4 percent of the winter wheat, 13 percent of the potatoes, 5 percent of the barley, 25 percent of the flax and 7-8 percent of the Soviet milk and meat are produced there.

Favorable weather patterns at the time of the accident helped prevent massive damage to agriculture in the Ukraine. Winds from the southeast carried much of the contamination into the less productive areas of Byelorussia. By the time the wind shifted, it appears that much of the problem had been contained.

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Trigon Parlor Proves to be a Three-Sided Marvel

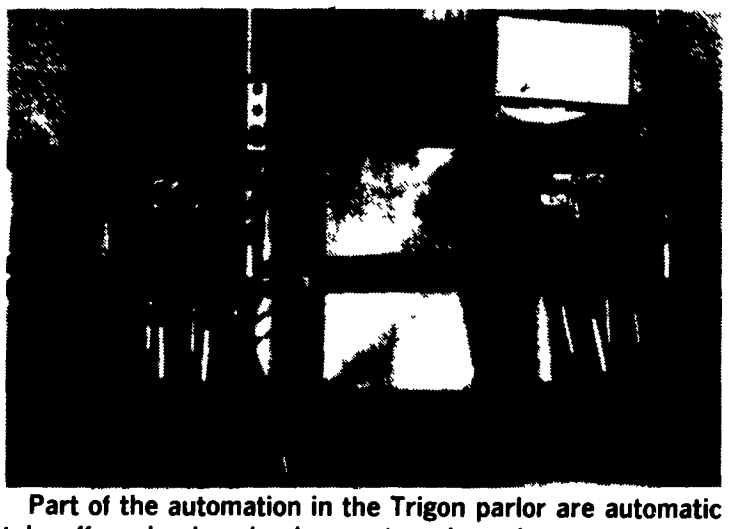
BY BARBARA RADER
Butler County Correspondent

VOLANT — Trigon parlors have been described as three-sided marvels. The Martin Brothers, Lawrence County, can attest to this statement even though their trigon milking parlor has been operational for only five months.

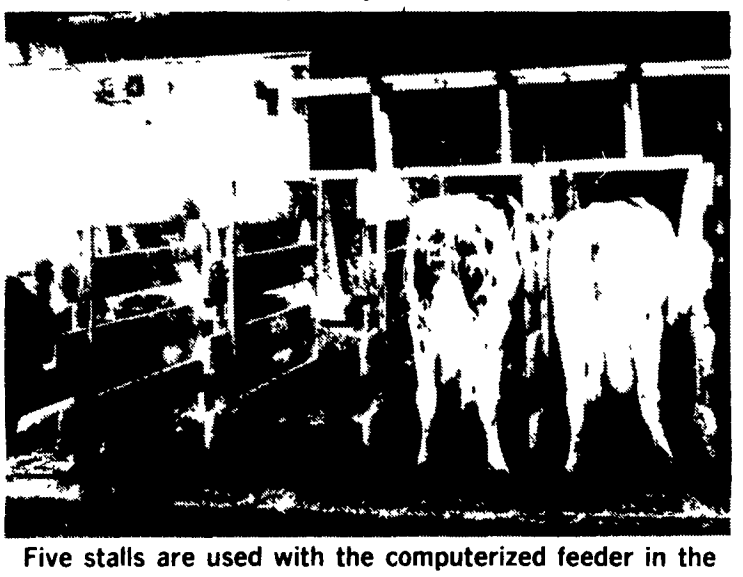
Combining the parlor with a computerized feeder, also operational for only five months, has saved three tons of feed and increased milk production by one ton.

The Martin Brothers, Dave and Dick, have been milking cows for 28 years in a 25 tie-stall barn with a pipeline system. They decided to renovate following a five year decision making process where they explored possible parlor designs and other options.

"Milkers' knees" and saving time were the two main reasons for the brothers to eventually decide on the trigon parlor design.



Part of the automation in the Trigon parlor are automatic take-offs and a clean-in-place system shown here.



Five stalls are used with the computerized feeder in the 125 cow herd.

Blaine, Dave Martin's son, checks on the computer. He handles the programming and operating of the computer.

This addition became the focal point of a five part remodeling operation. Included in a 28-by-60 pole building are a parlor holding area, milk house, utility room and an office.

While the physical expansion was the most visible change, other changes have occurred as a direct effect of the addition.

Most noticeable has been the 2,000 pound increase in the herd average although the number of cows has remained the same. Since its completion in January, the herd average has reached 17,500 pounds of milk and 650 pounds of fat on 125 head. This average is up considerably from its previous level of 15,500 pounds of milk and 575 pounds of fat in December.

"We were told we would have a great increase, but we didn't really think that it would go up a ton!" Dave stated. The herd has been running a 3.9 percent test most of the time and milk is picked up every day from their 1,000 gallon tank, he added.

Milking time has also been reduced by an hour with the 16-stall Trigon parlor. Now, only 1½ hours are required to milk the herd of registered Holsteins and Brown Swiss.

One of the time-saving features of the parlor is automatic take-off. With this feature, only two people are required in the parlor at milking time. Under optimum conditions, up to 100 cows per hour can be milked with this system.

Six stalls are located on two sides, with four stalls on the third side. This parlor was bought by the Martin brothers from a farm in Ohio were 18 stalls were used. Two stalls were removed from the third side of parlor in order to fit it into building. Also on the third side, the back wall, a 36 inch ventilation fan was installed.

In use in the parlor is a 60-40 alternating pulsation; a three-inch, stainless steel, milk lowline; a 10 horsepower vacuum pump; and a four-inch PVC vacuum line. Adding to the time saving characteristic of the parlor is a clean-in-place system.

No feeding is done in the parlor as the cows receive all a complete ration in the 76-by-122, 105-stall, freestall barn in use on the farm. The cows are fed haylage and corn silage topdressed with minerals at a 90 foot feeder that runs through the middle of the barn.

Protein is fed with a recently added computerized feeder.

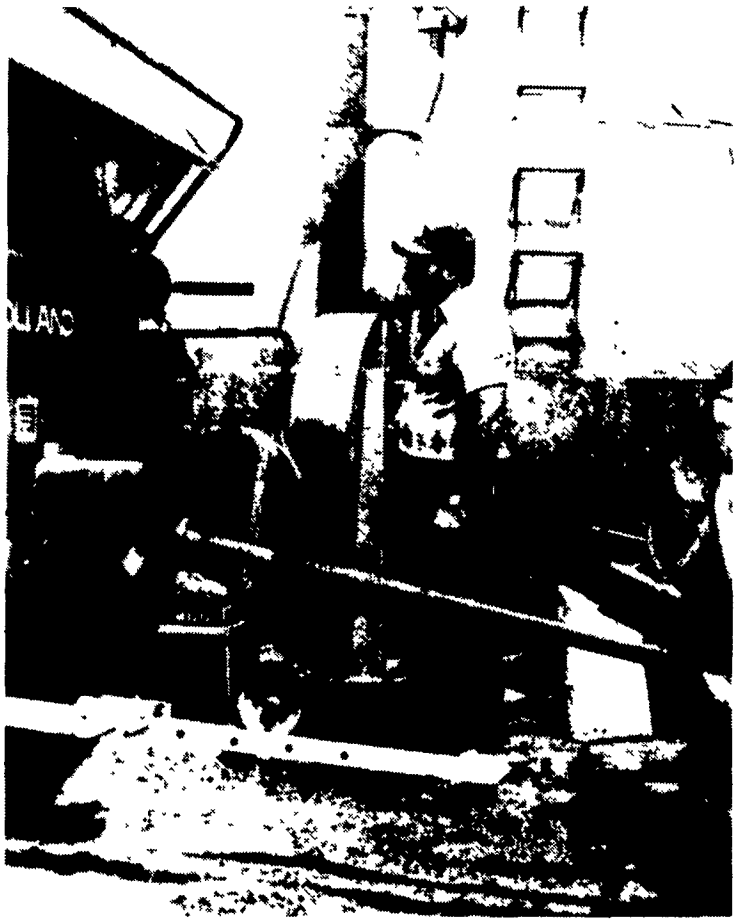
Five stations, or feeders, are used to feed high moisture corn and soybean meal. The corn is stored in poly bin and the soybean meal is stored in a homemade wooden bin. Feed is moved from the bins to the stations by an auger system.

Blaine, David's son, records all needed information from the latest DHIA sheets. Also used with the computer is a simplified keyboard and printer.

Breeding information and feeding records, also recorded in the computer, can be read anytime. Feeding records change approximately every 12 hours as consumption data on each cow is received. A cow not eating can easily be spotted as her number and the amount of feed she has consumed during the day is always right before them.

Presently, with the computerized feeding system targeting the individual cow's nutritional needs, they have reduced the amount of soybean meal fed by over three tons per month. In spite of this reduction in feed, the milk production continues to climb.

With production continuing to rise, and the computerized feeder saving money for the brothers, the five year decision making period appears to be time wisely spent.



The Martins grow all of the feed used on the farm. They farm a total of 1,100 acres of which 400 is used to grow corn and 250 acres is used to raise hay. Dave Martin is busy filling silo here.

Butler County Correspondent Barbara Rader

Barbara Rader

Barbara Rader has served as the Lancaster Farming Correspondent in Lawrence, Butler, Beaver and Mercer counties for over two years.

Coverage of dairy, livestock and home features, as well as a variety of meetings, sales and fairs has provided her with some "memorable experiences."

She is a 1969 graduate of Conneaut High School and married her husband, Harold Rader, in the fall of the same year. They joined his parents in a partnership on the elder Raders' dairy farm. Presently Harold and Barbara own a herd of 60 cows, registered Holsteins and registered Ayrshires, near Connoquenessing. They own about 180 acres and farm an additional 200 acres that lies within a three mile radius of the home farm.

Barbara is the mother of four children, Lona, 15, Harold Jr., 14, Sharon, 8, and John, 4. Another "farm product" is due in October.

She has been active in 4-H since age seven and is currently a nine-year leader of the Butler County-Wide 4-H Dairy Club. She has served on the Northwest 4-H District Dairy Committee and was the District Show Chairman on the 1985 show. Barbara has also been the district representative for the Pennsylvania Junior Dairy Show

She was one of the original committee members, and chaired the first annual Northwest District Two Day Dairy Workshop.

For five years she had held the position of Pennsylvania Ayrshire Youth Coordinator. Prior to this, she served several years on the state's youth committee. "Many activities and programs have been focused on the state's youth since my leadership has begun," Barbara notes.

In addition to this, she was the Pennsylvania Youth Committee Chairman for the successful 1986 National Ayrshire Convention and Sale. In this role, she organized activities and programs for the youth at the Convention.

She is a member of the Penn-Agri Women as well as several other farm organizations.

"I enjoy photography, activities with our children, crafts, sewing and the family's hobby-vacation of showing Ayrshires and Holsteins," she said.

Options Seminar To Highlight Penn Ag Grain Meeting

EPHRATA — William Barclay, marketing manager for agriculture and metals complexes of the Chicago Board of Trade, will be the special guest speaker at Penn Ag Industries' annual Grain Meeting to be held on June 30, at 7 p.m. at the Shawnee-Lancaster Resort Inn, located on Route 222-North of Lancaster. (Note: the Shawnee was formerly the Conestoga-Lancaster Resort Inn.)

Barclay will also be conducting a seminar on Agriucltural Options from 3 p.m. - 5 p.m. prior to the Grain Meeting.

The Options Seminar includes a reivew of the principles of hedging, minimum price contracts, and concepts and applications involving options on agricultural futures. The latter half of the session will discuss applications of trading strategies for today's markets.

For more information contact Amy Jo Newell, 717-733-2238.

York County DHIA Monthly Report

dhia
Pennsylvania Dairy Herd Improvement Association

YORK COUNTY DHIA
April, 1986

The high herd was Smyser s Richlawn Farm 2691 East Berlin Rd York with 77 Holstein cows producing 21 415 lbs milk and 768 lbs B F Second high was H S & R E Fetrow RD #4 York with 83 Holstein cows producing 21 587 lbs milk and 766 lbs B F

The high cow was Violet a 4 year old Holstein from Smysers Richlawn Farms 2691 E Berlin Rd York who produced in 305 days 27 142 lbs milk and 908 lbs B F Second high was 19 a 4 year old Holstein owned by Melvin Lehr R D #1 East Berlin Pa who produced in 305 days 26 448 lbs milk and 897 lbs B F

Smysers Richlawn Fms	3	76 7	87 0	21 415	768
HS & RE Fetrow	3	82 9	87 5	21,587	766
Paul R King	3	56 0	87 1	19 400	749
Stump Acres	3	96 9	91 7	18,759	747
Lynn Wolf	3	71 3	89 2	21,779	744
Beshore Farms	3	50 3	82 7	20,522	738
Leonard Greek	3	38 2	92 5	18,700	707
Sinking Springs Fm Inc	3	66 9	84 8	18,865	704
Rineway Dairy Farm	B3	83 9	86 8	19,651	690
Hopewell Center Farm	B3	[illegible]	88 3	[illegible]501	686
Thomas A Boyer	3	45 1	86 7	[illegible]36	682
Dan & Patti Hushon	3	39 1	88 5	18,824	680
Wayne B Mummert	B3	76 0	85 5	19,372	678
George Innerst & Sons	B3	98 9	86 2	18,167	672
John Wilcox	B3	49 2	89 8	18,576	671
Jim&Holly McCaffree	3	44 5	85 0	18,715	670
Mervin W Hertzler	2	65 5	88 1	14,173	669
Shelbud Holsteins	3	67 9	86 7	17,880	665
Bald Eagle Farm	B3	59 7	89 3	18,230	664
McRal Dairy Farm	B3	192 3	87 8	19 233	662
William Myers	B3	48 5	86 2	18,819	659
B Robert Charles	3	46 6	86 8	19,299	658
Rick L Cook	B3	75 4	86 7	18,041	655
Daryl L Bair	G3	36 2	88 5	18 714	654
David Stewart	3	111 7	91 5	17,721	653
Melvin R Lehr	B3	49 3	83 0	18,294	652
William Ruppert	B3	58 6	87 4	18 480	649
Melvin Barb Marks	3	39 2	91 4	18 044	642
Desota&Robt Burchett	B3	107 5	86 9	17 541	641
Ellis Crowl	B3	86 7	89 5	17 015	639
Wayne E Myers	3	49 0	82 9	17 241	637
Walnut Hill Farm	B3	51 6	85 2	17 360	635
Woodbine Farms	3	149 5	86 1	17 382	632
JH & MB Hushon	B3	92 4	87 5	17 170	630
Big T Holsteins	B3	96 7	84 4	17 262	628
RR & MR Stewart	3	62 8	87 3	18 682	626
John D Adams	B3	86 3	86 2	16 405	624
Smokey Hollow Farm	G3	41 4	90 1	17 950	623
Leroy Bupp	3	106 4	88 7	18 042	621
T Edwin Johnson	3	69 8	84 5	15 723	615
Lonnie Robinson	B3	61 4	90 9	16,636	613
Jacob Brubaker	B3	46 6	85 0	17 883	611
Earl Fuhrman	3	97 3	88 3	17,283	608
Leaspring Farm	3	50 9	83 7	18 186	605
Double D Farm	B3	106 3	87 3	16 193	602
Robert W Mays	B3	62 8	87 2	17,600	602
J Donnell Taylor	B3	128 5	85 6	16,867	601
Four Co Farm	3	49 7	82 0	16,814	600
Hidden Springs Farm	B8	113 3	84 0	15,683	598
Ramsey S Cooper Jr	B3	60 5	88 0	16,803	597
Perrydell Farms	B3	142 1	84 4	16,420	596
Edwin L Calhoun	B3	54 6	85 5	17,084	593
Rodman C Thompson	3	72 8	83 4	16,698	585
Gary W Thoman	B3	53 2	88 2	16,489	584
Robt Baumgardner Jr	G3	61 0	86 0	17,360	581
Circle Creek Hol	B3	46 2	87 5	15,734	581
Phillip D Laughman	3	29 3	84 1	16,093	581
Rutter Bros	2	80 2	88 3	11 923	577
Furnace Creek Farm	3	114 0	85 6	15,866	577
Walter L Amstutz	G3	45 7	84 0	16,314	574
Elvin G Molison	B3	160 0	84 3	17,124	573
Bradley Emig	4	39 7	84 2	11,940	572
Myron R Pomraning	B3	48 6	86 1	15,512	572
Kenneth G Glattelter	G3	63 1	88 1	16 340	568
David L&Chris Druck	B3	71 4	80 8	16,841	567
William H Fantom	B3	69 2	86 5	16 219	565
Gum Tree Farm	3	46 3	85 0	16 842	564
Robert J Reheard	B3	38 8	84 2	17 409	564
Keith A Shaffer	3	45 5	84 7	15 084	564
Harold Brown	3	67 3	84 6	15,276	563
Albert Neufeld	B3	117 4	90 2	15 978	563
Howard G Taylor	B3	53 8	85 9	15,914	562
Kenneth L Rexroth	B3	136 9	88 3	15,441	562
Albert Dehoff	B3	151 8	87 5	15,670	561
Barrens View Fm	B3	67 4	89 7	15 845	560
David Gemmill	B3	76 9	86 9	15,196	558
Elwood T Krick	B3	87 4	89 4	14,634	557
Titus Walker	G3	32 9	85 4	15 367	554
Dale & Darla Doll	3	74 7	89 3	16 131	552

(Turn to Page C6)

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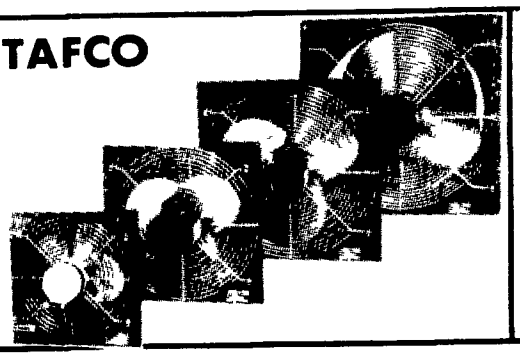

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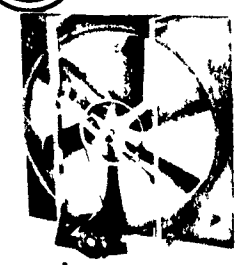

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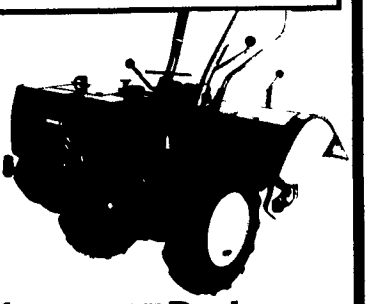

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(Continued from Page C5)

Woodbine Farms						
49	3	8-4	305	20,619	3 4	697
ET-202	3	3-5	305	19,477	4 2	816
ET 195	3	3-7	281	16,192	4 0	654
242	3	2 5	305	16,691	4 0	664
Ellis Crowl						
Y-180	3	3 9	305	14,678	4 5	662
Sinking Springs Fm Inc						
Louise	3	7-9	305	22,223	3 3	731
Sally	3	6-1	291	20,938	3 8	804
Rutter Bros						
Lorna	2	5-8	302	13,002	5 1	662
Beshore Farms						
Juniper	3	5-11	295	21,957	3 2	703
Harold Brown						
Grace	3	4-2	305	18,868	3 5	662
Albert Dehoff						
26R	3	4-6	305	20,560	4 0	827
44R	3	4-4	305	17,265	3 9	667
Thomas A Boyer						
Heather	3	3-0	305	21,950	3 5	773
Furnace Creek Farm						
Sharl	3	5-5	305	19,326	3 7	707
HS & RE Fetrow						
Mayview	3	6-5	305	20,157	3 5	707
Rose	3	4-10	305	21,676	3 1	670
Ann	3	4-11	305	22,236	3 2	715
Kay	3	4-4	305	18,953	3 8	727
Stump Acres						
Trudy	3	5-6	266	15,808	4 2	662
Prize	3	4-1	305	19,766	3 9	762
Suejet	3	3-6	305	20,910	3 7	771
Smysers Richlawn Fms						
Vickie	3	6-11	305	19,922	3 3	663
Nina	3	4 6	305	23,416	3 6	832
Violet	3	4 8	305	27,142	3 3	908
Renee	3	3 8	305	21,664	4 1	881
Trena	3	2 2	305	20,139	3 9	781
Titus Walker						
0819	3	6 0	305	19,813	3 4	668
Paul R King						
Lucky	3	5 8	305	19,289	4 2	812
Lulu	3	4 7	305	19,755	4 1	801
Kim	3	2 3	305	18,363	3 8	695
Wayne B Mummert						
13	3	7 6	305	24,169	3 1	756
48	3	3 1	300	21,034	3 2	680
12	3	3-0	305	18,759	3 5	660
71	3	2-11	305	21,753	3 4	729
Desota & Robt Burchett						
127	3	5-0	305	19,779	3 6	705
64	3	2-2	305	15,817	4 2	663
Lynn Wolf						
Norma	3	2-0	305	17,114	4 1	695
Ramsey S Cooper Jr						
Hillary	3	3-3	305	18,735	3 6	666
Zeta	3	2-8	305	16,818	4 3	729
Melvin R Lehr						
61	3	4-9	305	20,070	3 4	692
19	3	4-7	305	26,448	3 4	897
53	3	3-7	305	18,167	4 4	800
Charles Herr & Son						
Iris	3	5-9	305	17,832	3 9	696
Beverly	3	4-9	305	20,604	3 4	694
Little Creek Fms Inc						
293	3	2-11	305	18,779	3.5	665
Wayshar Farm						
Elaine	3	5-1	305	19,308	3 6	704
Kenneth L Rexroth						
151	3	4-9	305	20,410	3 7	762
Donald Wilson						
14	3	0 0	305	17,249	3 9	673
J Donnell Taylor						
Peach	3	5 7	305	20 718	3 5	733
Angie	3	5 0	290	18 382	3 8	690
Annette	3	2 10	305	18,033	4 0	718
Moon	3	2 10	305	16,816	3 9	655
Tonya	3	2-10	305	19,416	3 8	746
Ashley	3	2 0	305	16,212	4 2	680
Bupplynn Farms Farm 2						
Dina	3	4 6	305	20 865	3 6	755
Elvin G Molison						
148	3	5 7	305	21,549	3 4	725
Daryl L Bair						
Corinne	3	8 11	305	21,736	3 3	708
Gary W Thoman						
Rabs	3	9 3	305	20,823	3 2	658
Jody	3	7 0	305	22,902	3 3	754
Bess	3	6-4	305	23,882	3 1	752
B Robert Charles						
Happy	3	4-1	305	19,272	3 8	724
Heather	3	4-1	305	19,524	3 5	693
Hyacint	3	4-0	305	17,966	3 7	669
R&M Farms						
72	3	6-4	305	15,686	4 5	700
Edwin L Calhoun						
93	3	7-3	305	17,859	3 7	660
Circle Creek Hol						
Sally	3	8-2	305	16,756	4 0	662
David L&Chris Druck						
121	3	5-2	305	21,441	3 3	709
Robt Baumgardner Jr						
73	3	3 3	296	21,093	3 1	663
Big T Holsteins						
Twen	3	3-4	305	20,636	3 2	658
Dandy	3	3-5	305	19,520	3 7	730
Liddy	3	2-10	305	15,508	4 7	728
Genie	3	4-8	305	16,888	3 9	654
Perrydell Farms						
38	3	2-5	305	16,562	4 0	656
David Stewart						
Hart 80	3	2-6	305	20,334	3 3	669
Myron R Pomraning						
79	3	4-9	305	18,255	4 4	800

(Turn to Page C7)

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June 20-22

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Tractor Pulls • Dutch Queen Fashion Show

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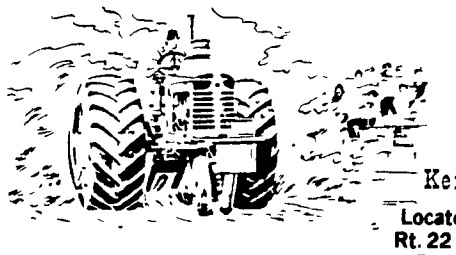

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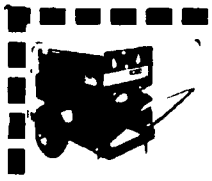

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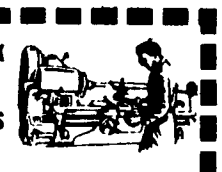

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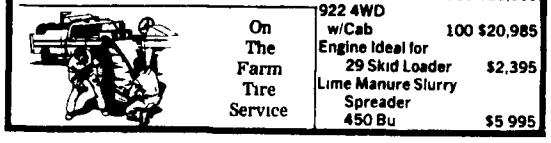

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June 19, 1986
12 Noon

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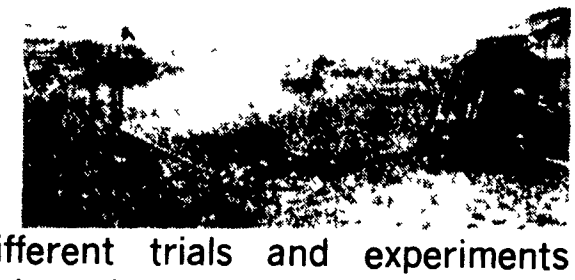

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Manure: Valuable Source of Plant Nutrients

CHAMBERSBURG – The term "agricultural waste" has been used to refer to manure in recent years. More often than not, it is also what it has been – something to get rid of. Manure has been considered a necessary evil inherent to all livestock operations.

It need not be that way, according to Stanley Palmer, Soil Conservation Technician with the Soil Conservation Service in Franklin County. He added, "Manure is an agricultural byproduct that should be recognized as a resource to be used in the farm operation."

Palmer gave these reasons why manure should be held in higher regard:

The use of manure on cropland supplies valuable nutrients that can help reduce fertilizer costs. It increases the organic matter content of soil and enhances soil structure. And it reduces the potential for soil erosion.

Manure also improves the water holding capacity of the soil, thus reducing the potential for stress on plants during droughts.

Manure contains many of the essential plant nutrients, with the most important being nitrogen, phosphorus and potassium. Nutrient contents are highly variable among manure because of variations in animals, feeds, storage, and application method.

Essentially, all of the phosphorus and potassium in manure is available to plants within one year of application. From 70 to 80 percent of the total nitrogen in beef or dairy manure is considered available in the year of application.

The nitrogen availability applies only when fresh manure is injected or immediately incorporated into the soil. The "unavailable" organic nitrogen in manure will slowly decompose in the soil into a nitrogen form usable by plants.

Assuming that 50 percent of the nitrogen in manure is lost in most farm operations, Palmer says you can estimate the dollar value of manure as a fertilizer.

Using average costs of 28 cents per pound for nitrogen, 25 cents per pound of phosphate and 16 cents per pound of potash, each ton of dairy manure is worth around $3. Applying manure at a 15-ton-per-acre rate is equivalent to the application of $45 worth of fertilizer.

"In addition, the manure provides soil improvement values that are difficult to quantify, but nevertheless valid, such as the improvement in soil structure," Palmer said.

Poultry manure has a higher nitrogen and phosphate content then dairy manure. .Similar computations on the value of poultry manure as a fertilizer show each ton supplies $11 worth of plant nutrients. Spreading poultry manure at a five-ton-per-acre rate on corn ground applies $55 worth of fertilizer per acre.

The high calcium content of poultry manure also raises the soil pH, thus reducing lime requirements on acid soils.

Some argue that the costs of spreading the manure need to be addressed in an overall cost/benefit analysis. "However," Palmer said, "you would incur expenses in disposing of the 'waste' even if you trucked it to some other suitable location.

He concluded "The nutrients and soil improvement benefits of manure make it more of a resource than a waste. It is an important ingredient for any soil management program."

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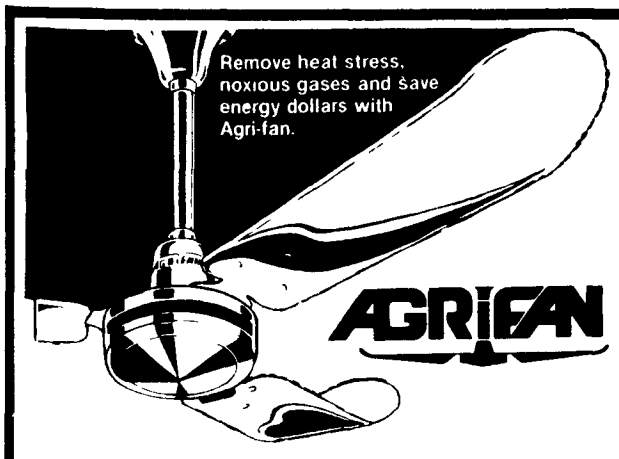
(Continued from Page C6)

Double D Farm						
Y 21	3	9 8	298	17,183	3 8	650
205	3	0-0	305	17,787	4 3	768
Deal Holsteins Farm						
16	3	9-8	305	18,900	3 7	704
George Innerst & Sons						
34	3	6-4	305	18,554	3 7	687
15	3	3-0	305	19,111	3 6	682
41	3	2 1	305	14,661	4 5	667
Jim & Holly McCaffree						
Twinkle	3	6 6	305	20 408	3 7	752
Walter L Amstutz						
Barbara	3	6 7	305	19,248	3 4	659
William Myers						
Deedee	3	0 0	304	23,935	3 2	774
Jamie	3	4 3	305	23,673	3 4	810
Crissy	3	4 2	305	21 054	3 2	664
Joselyn	3	3 2	305	19 658	3 9	757
Dan & Patti Hushon						
Pat	3	5 0	305	19 151	3 5	679
Dawn	3	4 7	296	16,882	3 9	652
Rosale	3	3 4	305	21,417	3 6	768
Melvin Barb Marks						
Maxie	3	2 5	305	19 827	3 6	705
James W Miller						
65	3	6 4	305	18,422	4 0	736
Glenn + Gary Crowl						
Ada	1	0-0	305	15,398	4 3	655
John Wilcox						
159	3	7 10	305	21,426	3 4	730
McRal Dairy Farm						
445	3	8 10	305	21 267	3 4	724
185	3	6 0	305	19,753	3 3	657
339	3	5 0	305	23,659	3 3	772
353	3	3 10	305	19,167	3 7	708
359	3	4 5	305	19,553	3 7	730
425	3	3 8	305	21,820	3 1	673
435	3	2 9	305	22,603	3 4	765
442	3	3 5	305	19,477	4 2	817
501	3	1 11	305	18 250	3 6	657
9106	3	2 0	305	17 352	4 0	686
William Ruppert						
Wendy	3	11 5	305	18 447	3 6	666



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Lebanon Quilter's Guild Announces Winners of Annual Show And Contest

BY MIRIAM GREENFIELD
Lebanon County Correspondent

LEBANON — More than 600 people attended the second annual quilt show and contest sponsored by the Lebanon Quilters' Guild, Saturday, May 31, in the Lebanon Area Fairgrounds Exhibition Hall. According to Hetty Wengert, incoming president of the guild, people came from Lancaster, Philadelphia, York, Harrisburg, Johnstown, and even from Virginia and Maryland.

Best of Show was a white-on-white Wagon Wheel quilt done by Beth Gingrich. Each viewer was given a ballot and Viewers' Choice was the same as Judges' Choice: Ripples in a Pond, a stunning patchwork quilt with a drunkard's path motif quilted by Effie Ruth Eshelman.

An original pattern with a cardinal in the center of a ring of morning glories, made by the Heidelberg Church of the Brethren Women's Work, won first place in the applique category. This quilt will be auctioned later in the year. Autumn leaf, by Anna Ruth Shenk, received a second place in applique. Blanche L. Wenger's Apple Quilt placed third.

Ripples in a Pond, by Effie Ruth Eshelman, captured first place in the patchwork category. It was also Judges' Choice and Viewers' Choice. Becky Johnson's Lone Star quilt placed second in patchwork; and Catherine H. Wolfe's Double Wedding Ring placed third.

Violets, by Dorcas H. Hoffman, placed first in embroidered category; Blanche Wenger's Flower of the Month placed second; and Minerva Lentz's Flower of the Month placed third.

In the combined techniques category, Sonia C. Schaeffer placed first with her Bandanna Medallion; Sandra Klingler's Gordian Knot won second place; and Butterflies by Kitty Rose Zackey won third place.

Beth Gingrich's Wagon Wheel won first in the White-on-White category and was also named Best of Show. Ties and Feathers, by Betty Templin, placed second in White-on-White; and Forget-Me-Not by Effie Ruth Eshelman placed third.

Crib quilt prizes were awarded to Catherine H. Wolfe, first place, for Stacking Spools; to Kitty Rose Zackey, second, for Diana's Quilt; and to Sonia C. Schaeffer, third, for Cats in the Window.

Challenge of the Stars was a first prize wall hanging by Lynn Trump, Marlene Williams was awarded second place for Carolina Lily; and Hetty Wengert's Baby Lone Star won third place in the wall hanging category.

Marlene Williams' Tabard Vest won a first prize for quilted clothing; Lynn Trump's Floating Log Cabin won second; and Patti Sheffey's Quilted Jacket placed third.

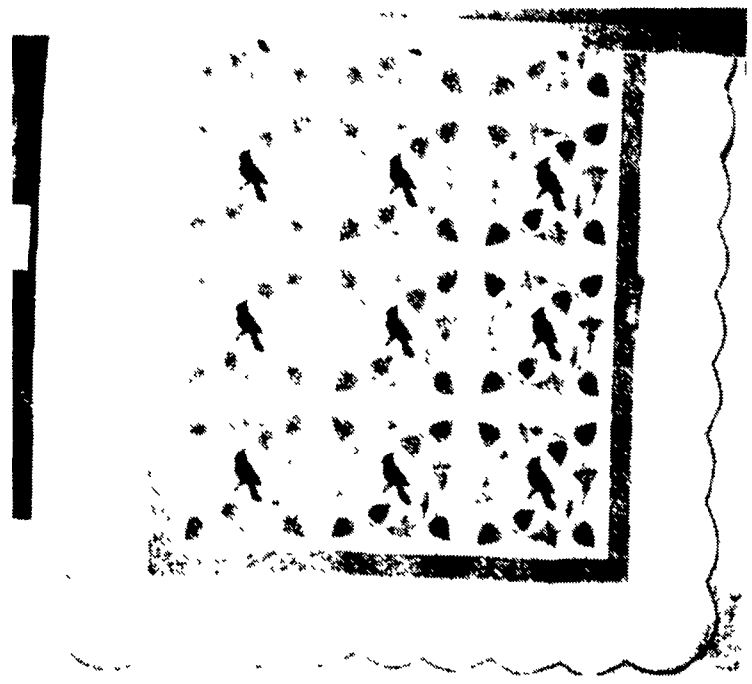
Quilted Crafts category first prize was awarded to Kitty Rose Zackey for her Doll Quilts; second prize went to Jo Lynn Gerber for Dee's Twinkling Star; and third to Beth Kapp for Leah's Doll Quilt and Cradle.

Judges were Jacqueline Magann, a certified judge from Coatesville; Margot Carney, a home economist from Landsale; and Donna Barnett-Albert, a fabric designer from Lancaster. Barnett-Albert created the Pennsylvania entry for the Statue of Liberty Quilt.

The Lebanon Quilters' Guild has 45 members who meet the first Monday of the month from September to May. Their programs include guest speakers, films, workshops, demonstrations, and pattern exchanges. In April, the guild members attended the Great American Quilt Festival at Pier 92 in New York.

As a guild service project, this year's show included a stand where the Oakview Auxiliary displayed and sold raffle tickets for a quilt made by Oakview resident, Mae Lines, formerly a resident of Myerstown. The quilt, a white-on-white pineapple design, will be raffled October 15. Proceeds from the raffle will go toward the Auxiliary fund for the benefit of residents of Oakview.

For information about the Lebanon Quilters Guild call Hetty Wengert, 866-2408.



First place in the applique division was awarded to an entry by the Heibelberg Church of the Brethren Women's Work. The quilt features an original design of cardinals and morning glories by Arlene Patches. It will be sold at the Church of the Brethren Relief Auction at the Lebanon Fairgrounds on Sept. 20.

Wolf Named Manager of Merkle Lab at Penn State

UNIVERSITY PARK — Ann Wolf, a research assistant in the Department of Agronomy, has been named manager of Penn State's Merkle Soil and Forage Testing Laboratory and of its soil and forage analysis programs.

Announcing the appointment, Dr. James Starling, associate dean for administration in the College of Agriculture, said, "She has an impressive background in soil chemistry. As a research assistant she has worked closely with soil analysis, especially in relation to phosphorus chemistry and fertility, and has published a number of articles on the subject."

The Merkle Laboratory is one of the few laboratories in the nation especially designed for mass processing and analyzing soil and forage materials. It provides analyses to researchers, commercial and private growers and home gardeners. During March and April, the height of the soil testing season, nearly a thousand soil samples are received and processed every day

Located in the research complex off Orchard Road on Penn State's University Park Campus, the lab was named in honor of Professor Frederick G. Merkle, Penn State agronomist and pioneer in soil chemistry, soil fertility and soil physics.

As lab manager, Wolf is responsible for administration, budgets and program coordination as well as for staff supervision and quality control. She works with College of Agriculture research and extension specialists to implement the testing programs and coordinates the data processing phases with systems analysts and programmers. She provides technical leadership in analytical laboratory methods and procedures.

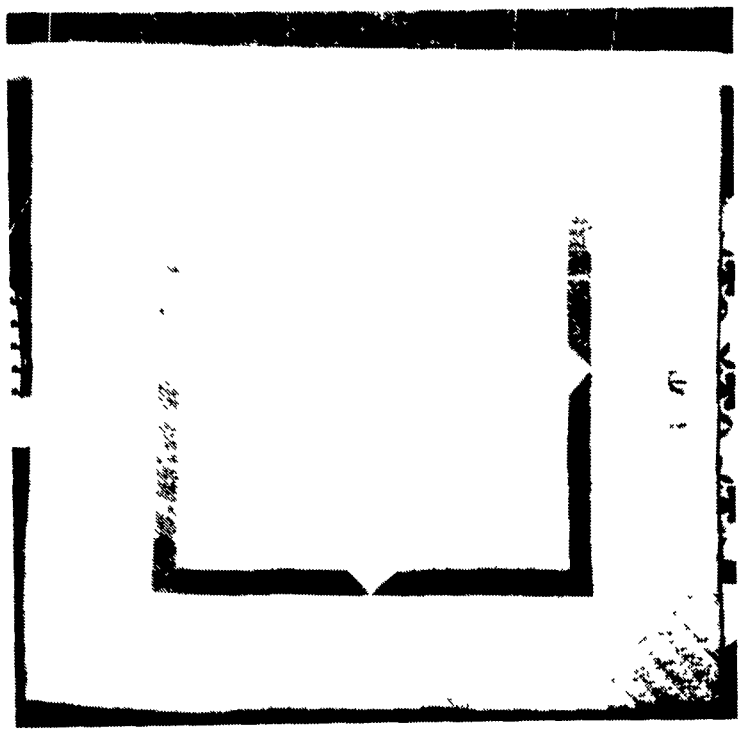
In addition, Wolf evaluates new developments in the fields of soil testing and forage analysis, especially in the areas of lime, fertilizers and feed and research new chemical techniques for their adaptability to mass production chemical analysis

Wolf is a doctoral candidate in agronomy. Working with Dr. Dale E. Baker, professor of soil chemistry, her dissertation is on the evaluation of phosphate buffer capacity changes in soils. Last year she won a nationally competitive American Potash and Phosphate Institute Fellowship.

"I am interested in using the principles of soil chemistry to develop better testing methods to improve the efficiency of fertilizer. I also have a continuing interest in ways to maintain environmental quality when fertilizers and waste materials are applied to agricultural land," says Wolf. "The position as manager of the Merkle Laboratory is an excellent opportunity to apply what I have learned and to pursue these interests."

Wolf received a master's degree in agronomy in 1980 and a bachelor's degree in general agriculture in 1976, both from Penn State. In addition to being a graduate assistant and a research assistant in the Department of Agronomy, she has been a consultant in soil chemistry with the Council for Agricultural Science and Technology and a dairy farm worker in Maine and at the Penn State dairy barns.

Ann Wolf is the daughter of Mary and Edwin Wolf, who live in the Chestnut Hill section of Philadelphia.



"Gordian Knot" in blues and white won second place in combined techniques. Sandra Klingler entered the quilt.

Third place in the combined techniques category was "Butterflies" by Kitty Rose Zackey.

Cumberland County 4-H Tops Horse Judging Contest

CARLISLE — Cumberland County 4-H members were high scorers in the District 6 4-H Horse Judging Contest held recently at Carlisle Springs.

Angel Burkepile, Denise Jones, Heather Blosser and Todd Holston made up the team that scored 1156 points.

Lebanon County placed second with 1084 points and Lancaster was third with 1079 points.

Angel Burkepile, Newville, Cumberland County, placed 1st in the Senior Division and received the Senior Trophy for high score, her score was 393. Second honors went to Denise Jones, Carlisle, Cumberland County, Score 386; Third Place - Sheri Pierce, Lebanon County, Score 384; and Heather Blosser, Carlisle, Cumberland County, Score 377.

Other winners include: 1st Place Senior Performance Division Winner - Tammy Long, Lancaster County; 1st Place Senior Confirmation Division Winner - Angel Burkepile, Cumberland County; and 1st Place Senior Reasons Division Winner - Denise Jones, Cumberland County.

Junior Trophy Winner, Donna Snyder from Cumberland County was high scorer in the Junior Division with 275. Melany Ginnick and Luanne Frey, both of Cumberland County placed Second and Third respectively with scores of 272 and 252. Charity Farrell, Lebanon County, placed 1st in the Junior Performance Division and Donna Snyder, Cumberland County was high in the Junior Confirmation Division.

The following results are the top three placings in each class.

4-H HORSE JUDGING
SENIOR RESULTS
Performance
1 Tammy Long Lancaster 2 Heather Blosser Cumberland 3 Angel Burkepile Cumberland
Confirmation
1 Angel Burkepile Cumberland 2 Denise Jones Cumberland 3 Sheri Pierce Lebanon
Reasons
1 Denise Jones Cumberland 2 Sheri Pierce Lebanon 3 Tammy Long Lancaster
Individual Total Placings
1 Angel Burkepile Cumberland 2 Denise Jones Cumberland 3 Sheri Pierce Lebanon
Team Scores
1 Cumberland 2 Lebanon 3 Lancaster
JUNIOR RESULTS
Individual Scores
1 Donna Snyder Cumberland 2 Melany Ginnich Cumberland 3 Luanne Frey Cumberland
Performance
1 Charity Farrell Lebanon 2 Jennifer Greene Perry 3 Melany Ginnick Cumberland
Confirmation
1 Donna Snyder Cumberland 2 Melany Ginnick Cumberland 3 Luanne Frey Cumberland

Roth Wins $2,000 PPI Fellowship

UNIVERSITY PARK, PA — Gregory Roth of Coplay, Pa. won a $2,000 unrestricted fellowship from the Potash and Phosphate Institute this spring. He is a doctoral candidate in the Department of Agronomy at Penn State, working with Dr. Harold Marshall, professor of plant breeding, and Dr. Richard Fox, professor of soil science.

Roth was one of five students nationwide to receive a PPI fellowship. The Institute offers five to 10 competitive fellowships each year to deserving graduate students in North America who are studying some aspect of plant nutrition in relation to soil and plant sciences.

The awards, which are made on the basis of academic performance, teacher recommendations, originality, depth and innovativeness of research, are granted independent of any scholarship or assistance the applicant may have. Dr. William Griffith, regional director for the Potash and Phosphate Institute, presented the award to Roth in behalf of the Institute.

Roth's research involves evaluation of plant tissue test procedures for estimating fertilizer N requirements of winter wheat in Pennsylvania.

Biotechnology is Essential for Dairy Industry

ITHACA, N.Y. — The competitive position of the dairy industry in the Northeast will depend heavily on the use of new products created through modern biotechnology, says a Cornell University agricultural economist.

Robert J. Kalter, professor and chairman of Cornell's Department of Agricultural Economics, says that research has led to new biotechnology products, such as bovine grown hormone, that will cut production costs substantially for dairy farmers.

"Quick adoption of biotechnology products by the dairy industry will give it a competitive advantage over other food sources," he stresses.

Kalter made that prediction in a talk at a recent seminar on "Agricultural Research Policy" held under the sponsorship of the University of Minnesota. Kalter is a faculty member of the New York State College of Agriculture and Life Sciences at Cornell.

Milk and other dairy productrs, he said, are in constant competition for the consumer dollar with non-dairy beverages and food items.

"Fruit juices, soft drinks, coffee, and non-dairy snacks are all alternatives that consumers consider buying each time they enter the supermarket," Kalter pointed out. "Therefore, dairy farmers will need to adopt cost-reducing technology to stay competitive with other products produced by the food system."

Citing such a competition now taking place between the red meat and poultry industries as an excellent example, Kalter said, "Increased efficiency in poultry production has resulted in lower consumer prices, and the market has seen a major displacement of red meat from the consumrr's food basket."

Per capita red meat consumption continued to decline in 1984, while poultry and fish continued to make relative gains in American diets. Poultry showed the greatest gain — up 74 percent since 1964, Kalter noted. In 1984, red meat consumption was near its 1964 level, but eggs were down 18 percent. Fish consumption has gained rapidly since 1982.

A similar situation, he said, took place in the late 1950s when margarine began seriously affecting butter consumption.

Early adoption of biotechnology products, Kalter contended, will help dairy farmers in the Northest and Midwest to remain competitive against large dairy operations in the West and Southwest. California, Wisconsin, and New York are the top three dairy states in the nation.

"Biotechnology offers major benefits to all dairy farmers by improving production efficiency," Kalter emphasized. "It is of particular interest to small- and medium-sized operations because it is not a capital intensive innovation, compared to many technological advances made in the past."

"As a result, small operators will be financially able to adopt new biotechnology products without incurring large debts," Kalter explains. "The principle ingredient for successful use of products like bovine growth hormone will be management ability."

Called "bovine somatotropin," the growth hormone is a product made through genetically engineered microorganisms. Considered a major research breakthrough, the growth hormone technology has the potential for an unprecedented increase in the efficiency of dairy production; it requires fewer animals and less total feed to produce the same quantity of milk.

Although biotechnology will cut production costs by boosting efficiency, the current milk surplus, Kalter argued, is not the result of adopting new technology, but rather is directly linked to government price support programs for milk.

Efforts to restore a free market system to the dairy industry in terms of bringing supply and demand into balance will result in fewer dairy animals and a reduction in farm operators, he said.

"However, adoption of cost-reducing technologies will be instrumental in increasing consumption of dairy products by lowering consumer prices," Kalter stressed. "Hence, the problem of overproduction will be reduced."

"Continued market pressure resulting from consumer demand and preferences will spur efforts to develop more efficient production techniques essential to the survival of the dairy industry," Kalter concluded.

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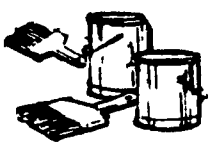

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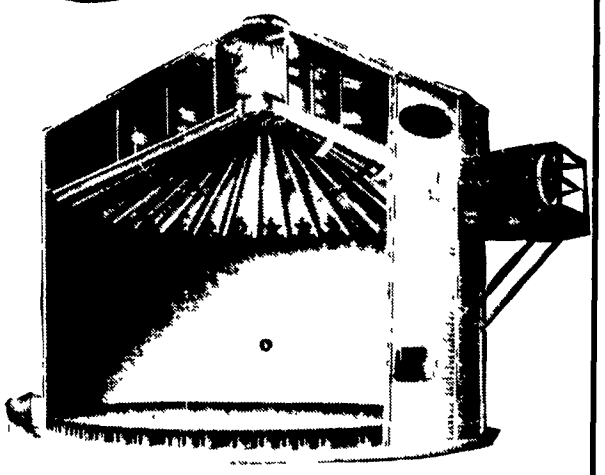

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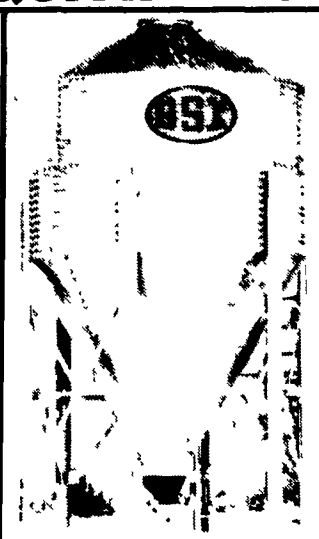

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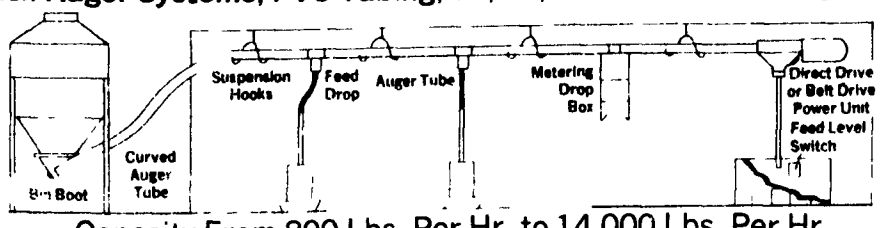

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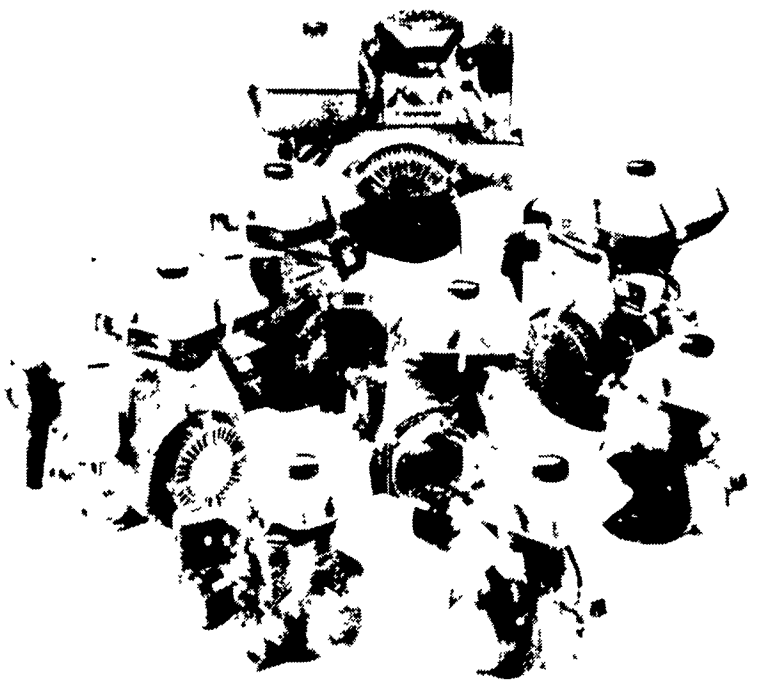

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Drought-Stressed Trees Need Water, Not Fertilizer

NEWARK, Del. – The present drought is just one more to add to the list of droughty springs and summers that have occurred in the Northeast since the late 1970s. Lack of water has become a chronic problem throughout the region. Trees – in the landscape and growing wild – are among the casualties.

"Most people are careful to water new plantings when rainfall is short," says University of Delaware extension horticulturist Sue Barton, "but they often forget about established trees and shrubs. These may not show visible signs, even though they're suffering from drought stress.

"Eighty percent of the root system of most trees and shrubs is in the top 12 inches of soil," Barton says. "When those 12 inches are dry, the plants can't get the water they need for growth and survival. So when it doesn't rain enough, do your plants a favor and supply that water."

According to the horticulturist, most plants require about one inch of water a week – or ⅔ gallon per square inch of ground. A 10-foot-by-10-foot area (100 square feet) requires 66 gallons.

A soaker hose is an efficient way to water landscape plants. Made of porous canvas or perforated plastic, it attaches to the end of a regular hose and can be laid in a circle around trees or among shrubs. Water oozing from this device will soak deeply into the root zone without wasteful run-off. Be sure to soak the soil thoroughly, as a light sprinkling may do more harm than good.

"Continual stress makes trees more susceptible to disease and insect damage," Barton explains. "We're seeing two obvious examples of drought stress right now – maple dieback and dogwood decline. Many trees of both species are already suffering from fungus diseases; the lack of water has doubly stressed them."

Many dogwoods are infected with anthracnose (dogwood decline). The maples are probably suffering from either ceratocystis (sap streak) or verticillium wilt. Watering diseased trees during dry spells can prolong their lives, though those with verticillium will eventually die regardless of the care they get. Healthy trees are also suffering from drought now and must have water to remain in vigorous condition.

Fertilizer is often recommended as a cure for stressed trees, Barton says. And although this can help maintain the vigor of otherwise healthy trees, it can't save those suffering from verticillium wilt. In fact, recent research at the University of Delaware Agricultural Experiment Station indicates that some forms of nitrogen favor growth of this fungus.

Carolyn Sanford, a university master's student in plant science, and her advisor, Dr. Allen L. Morehart, have shown that applying fertilizer – particularly ammonium nitrate – to verticillium-infected yellow poplars enhances rather than halts the spread of the fungus. (The verticillium fungus lives in vascular tissue and is spread through water conducting tubes in the tree.) Based on their findings, Sanford and Morehart have concluded that it's best to withhold fertilizer from trees suspected of having this disease.

The current loss of many dogwoods in the Northeast to dogwood decline is also drought-related, Barton says. However, these trees can sometimes be saved. To help dogwoods recover she recommends pruning out dead wood and giving them up to 1 inch of supplemental water a week during dry spells. Clearing out turf under the tree canopy and applying several inches of mulch to conserve moisture for their shallow root system will also help.

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White 5400, 4R
White 543, 4RN, no-till, dry
White 543, 4R Plate
IH 56
IH 449
JD 494A

MANURE SPREADERS
NI 212 | NI 224
NI 213 | IH 550
NI 214 | IH 595
NI 218 | Star 930
Better Bilt 2600 Gal Liq Manure Tank
Hesston 1400 gal. Liq
Clay 800 gal Vacuum

PLOWS
IH 55 Chisel Plow
JD 345, 4x16
IH 550, 5x16
Ford 4x16
MF 3 pt. Chisel Plow
White 508 Plow, 4x16
Kasco 9' Chisel
BH 3 pt. 52" Tiller
IH 710, 3x16
IH 450 3x16
AC 4x16

FERT. SPREADERS
Lely 2500 Trail
Stoltzfus Hyd. Trail
Gandy 8', new

COMING IN..
(3) MF 1105's
MF 2675
IH 56, 4R Planter
JD 700 Grinder Mixer

NH #676 S | HB 207
NH 365 | HB 257
NH 790 | HB 357

MELROSE FARM SERVICE
498 BUCHANAN TRAIL WEST
GREENCASTLE, PA 17225
(717) 597-3138

CARLISLE FARM SERVICE
260 YORK ROAD
CARLISLE, PA. 17013
(717) 243-4419

NEW EQUIPMENT

Gehl FB1540 Forage Blower
Gehl FB1580, 1000 RPM Forage Blower
Gehl 760, 1260 Forage Harvester
} **Waiver Jan. 1, 1987 Call For Details.**
Kuhn 6', 3 pt Sickle Bar Mower
Pequea 7' PTO Hay Tedder
NI 406 Hyd Hay Rake
Bush Hog 42", 48", 60" & 72" Rotary Choppers
Pequea 8x18' Bale Rack Wagon
MF 1010, 2WD Turf
MF 1010 Hydro 4WD
MF 1010 Gear 4WD
MF 1020 Gear 4WD
MF 1030 Gear 4WD

USED EQUIPMENT

Gleancoe 9 Shank Soil Saver
NI 802 Uni 4WD w/Cab & 737 Uni Husker
NI 706 Uni w/717 Combine & Grain Platform
Uni 701 w/710 Combine & Grain Platform
Lamco 3 Beater Forage wagon
NI 404 6 Wheel Wheel Rake
Gehl CB 800 Forage Harvester w/Hay Head
IH 830 Forage Harvester, 2 Heads, nice
Brillion 12' Packer 4' Axle
NH #8, 3 Beater Unloading Wagon w/Roof
Dion 3 Beater Unloading Wagon w/Roof
JD Side Mount 7' Sickle Bar Mower

DUTCH AUCTION

The price of the following machinery will be reduced each day (except Sunday) until sold.

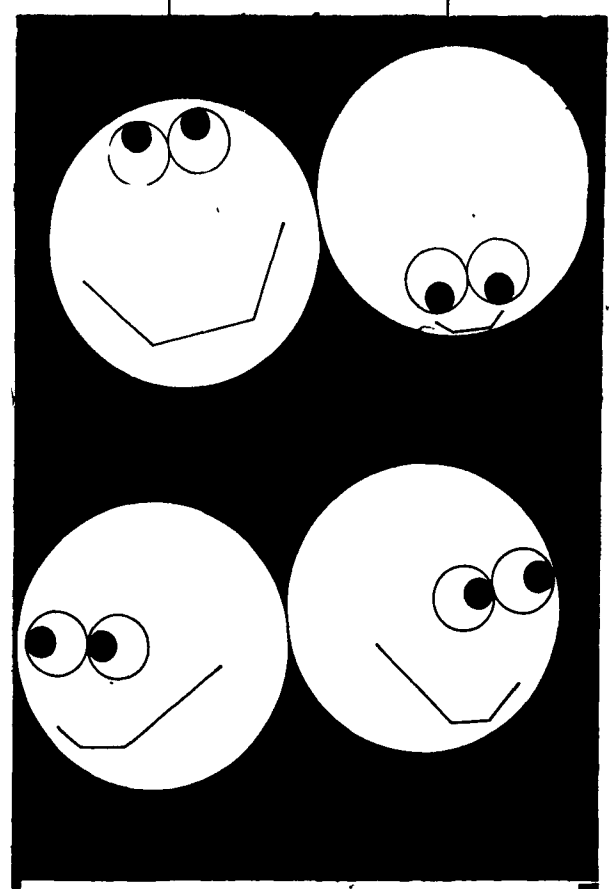
Tye 10' No till Drill Available For Rent
We have soybean seed & soybean innoculant in stock

New Equipment	List	Starting Price 3/10	Daily Reduction	Price Today 6/7
Windrower Hesston 1091 9'3"	$ 9,347.00	$7,940.00	$10.00	$7,120.00
Post Hole Digger Danuser w/12" Auger	771.00	624.00	1.00	542.00
Soil Finisher Glencoe 12'9"	8,379.00	7,482.00	8.00	6,826.00
Round Baler Hesston 5540 demo 4'x6'	12,883.00	8,982.00	8.00	8,326.00
Bedding Chopper Goosen 10HP w/Nursery Pack	3,475.00	3,192.00	3.00	2,946.00

Tag#	Used Equipment	Starting Price 3/10	Daily Reduction	Price Today 6/14
1881	Corn Planter White 5400 4RN w/liquid	$1,948.00	$ 2.00	$1,784.00
1899	Forage Blower JD 6000 1,000RPM	1,093.00	2.00	929.00
1773	Field Sprayer Century 200 gal. 8 roller	893.00	2.00	729.00
1965	Grinder Mixer Gehl 120 Hyd Drive	3,387.00	3.00	3,141.00
1920	Manure Spreader NHS676 T. Beater Hyd Gate Graetz Web 285 Bu. New Sides	2,947.00	3.00	2,701.00
1933	Unloading Wagon Kasten 14' 2 Beater w/gear	1,194.00	1.00	1,112.00
1934	Unloading Wagon Dion Box Only 3 Beater	949.00	1.00	867.00
1602	Combine IH 403 w/3RN head & cab	7,890.00	10.00	7,070.00
1600	Combine NH 985 w/cab 13' Grain Platform	8,888.00	12.00	7,904.00
1860	Manure Spreader NI 224 10 ton w/gate	2,989.00	6.00	2,497.00
1920	Haybine New Holland 495 12 ft Roto Reel	3,895.00	5.00	3,485.00

Umberger's Of Fontana, Inc.

RD 4, Lebanon, PA (Fontana) 717-867-5161
Mon.-Thurs.-7:30-5:00; Fri.-7:30-8:00; Sat. 7:30-4:00



DON'T LOOK ANY FURTHER!

YOU'LL FIND IT IN LANCASTER FARMING'S CLASSIFIEDS

Lancaster Farming
P.O. Box 366
Lititz, PA 17543
717-394-3047
or Lititz
717-626-1164

HOURS: Mon., Tues., 8 a.m. to 5 p.m.
Wed., Thurs., & Fri. 7 a.m. to 5 p.m.

The following categories are available for your classified advertising in Section C. Deadline- Thursday morning at 9 of each week's publication

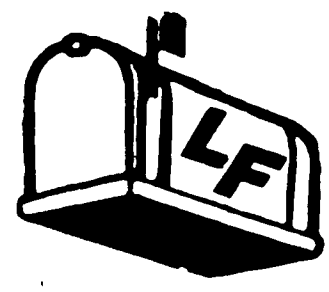
1 - Farm Equipment
2 - Farm Equipment Wanted
3 - Silos and Unloaders
4 - Building and Supplies
5 - Grain Equipment
6 - Dairy Equipment

The following categories are available for your classified advertising, in Section B. Deadline- Wednesday afternoon at 5 of each week's publication

7 - Livestock Equipment
8 - Cattle
9 - Horses & Mules
10 - Sheep & Goats
11 - Swine
12 - Artificial Breeding
13 - Hog Equipment & Supplies
14 - Poultry & Supplies
15 - Feed & Seed
16 - Fertilizer
17 - Plants
18 - Fruits & Vegetables
19 - Nursery
20 - Lawn & Garden
21 - Services Offered
22 - Custom Work
23 - Help Wanted
24 - Situations Wanted
25 - Business Opportunities
26 - Household
27 - Pets
28 - Lost
29 Found
30 - Computers
31 Notice
32 - Miscellaneous
33 - Recreational Vehicles
34 - Autos
35 - Trucks and Trailers
36 - Real Estate

CLASSIFIED AD ORDER BLANK

PLEASE WRITE CLEARLY



MAIL TO:
LANCASTER FARMING
P.O. Box 366, Lititz, PA 17543

NOTE: Please do not use this form for Mail Box Market Ads, see instructions in Section D with Mailbox Markets.

DEADLINES:
SECTION B - WEDNESDAY AT 5:00 P.M.
SECTION C - THURSDAY AT 9:00 A.M. OF EACH WEEK'S PUBLICATION

Name _____

Address _____

City _____ State _____

Zip _____ Phone (___) _____

Please publish my _____ word ad _____ times starting with the _____ issue. Classify under #_____. I enclose _____.

Box Replies: Ads with answers coming to a box number, c/o Lancaster Farming: $2.00 additional. This newspaper will not be responsible for more than one incorrect insertion of any advertisement.

CLASSIFIED ADVERTISING RATES

29¢ per word per week - 1 or 2 times
23¢ per word per week - 3 or more times
11 word minimum

Words	1 Time	2 Times	3 Times
up to 11	3.19	6.38	7.59
12	3.48	6.96	8.28
13	3.77	7.54	8.97
14	4.06	8.12	9.66
15	4.35	8.70	10.35
16	4.64	9.28	11.04
17	4.93	9.86	11.73
18	5.22	10.44	12.42
19	5.51	11.02	13.11
20	5.80	11.60	13.80

1	2	3	4	5
6	7	8	9	10
11	12	13	14	15
16	17	18	19	20
21	22	23	24	25
26	27	28	29	30
31	32	33	34	35
36	37	38	39	40

1 FARM EQUIPMENT

CHISHOLM RIDER SNAP BEAN HARVESTERS One 340, two 504's, complete w/dump wagon, 40' wire side trailer w/ belt. Salem Co., 609-299-3910

Combines, corn heads, grain heads-inventory moving fast. It's hard to keep up with advertising. Wholesale prices only. Call us. Larry Stalter, "The Combine Man". 219-862-2151

CRAWLER TRACTOR PARTS
New and Used Parts Available for Cat, Allis Chalmers, IHC, Case, John Deere and others. Rubber tired construction equipment parts available for Hough, Michigan, Galion and Cat Road Graders.
Call or write for equipment and parts brochure.
VILSMEIER EQUIPMENT, INC.
Route 309
Montgomeryville, Pa. 18936
Phone: 215-699-3533

Farmec 24' elevator, like new; IH PTO corn binder, real good; #7 silo filler, real nice. 717-687-7968.

Farm fan Model 350 batch grain dryer-/augers. 609-259-3733.

FOR SALE: 345 Mustang skid loader; 930 Case diesel tractor; AC 14' wing disc. 717-684-3579.

For Sale: Massey Harris 82 Combine, 12' cut, good condition. 717-458-4042.

Int. 1066 w/cab, new tork, excellent condition. 814-793-4293

Int. 856, original paint, dual hydraulics, 38" rubber, excellent condition. 814-793-4293.

JD 2040 Utility tractor, $6,000. 814-793-4293.

JD 2640, utility tractor, good condition, $7500. 814-793-4293.

JD 2840, roll guard, canapy & weather enclosure, $10,500. 814-793-3782.

JD 2940 with roll guard, 700 hours. 814-793-4293.

JD 2940 w/mechanical 4WD, excellent condition, 1300 hours, $14,500. 814-793-4293.

JD 4020, 72 model, roll guard, dual hyd., excellent. 814-793-4293.

JD 4020, 72 model, year round cab, air cond., dual hyd., exc. cond. 814-793-4293.

JD 4230, fender tractor, dual hyd., $8500. 814-793-4293.

JD 4430, 4 post roll guard, power shift, new rubber. 814-793-4293.

JD 4520, fender tractor, power shift, dual hyd., $6500. 814-793-4293.

JD 6030, factory cab, 38" rubber, dual hyd., 176 hp, $10,000. 814-793-4293.

Model L Gleaner Combine For Sale. One Owner 2500 hrs., 6-30 corn head. 16' grain head Hydro. Big engine. Big tires. $18,500, delivered. 717-921-2476

New 1500 gal. Poly tank, 2 row transplanter, single bottom plow, pull type, roof shingles. 717-527-4974.

Oliver 1755 w/3 speed trans., WF, $5500 814-793-4293

USED TRACTOR PARTS, also rebuilt clutches and torques We ship UPS Hill-T Farm Sales & Service, 4295 Richmond Palestine Road, New Madison, Ohio 45346 513-548-0718

VERMEER ROUND BALERS New & Used Baler size available to make bales from 500 lb to 1 ton Other makes available. Also disk mowers, hay tedders and rakes. Butler Co 412-352-3582.

Ford Tractor, Golden Jubilee, very good condition, with 5' JD mower. 215-267-6198.

1256 IH diesel WF, rebuilt motor, TA, dual hyd, $8,000. 301-245-4573

1710 Ford Tractor Shuttle Tarus, turf tires model 80 Arps backhoe w/two buckets and Model 770B quick tack loader, one year old, 60 hrs., excellent condition, $11,850; 1984 Beck tandem axle equipment trailer, 5 ton. After 7PM, 301-836-1642.

175 IH crawler loader, 4 in 1 bucket, new undercarriage and brakes and clutches, all cylinders have been repacked, roll cage and regular cab. 717-259-7262.

1845 Case uni loader, gas, good condition. 717-626-5260.

18.4x34 duals, new clamps, spacers. Tires some tread. Asking $475. 215-672-6893

185 AC Tractor, excellent condition. 717-768-3959.

1950 Chrysler New Yorker; wood splitter; Oliver loader; backhoe; 25HP air compressor w/tank, no motor, 100 CFM IR compressor. 215-723-0540.

1974 JD log skidder. After 8PM, 717-374-8965.

1980 1480 IH axle flo combine, 820 grain head w/header wagon, 863 corn head w/header wagon and parts. Must See To Appreciate. 215-255-4410

1980 NH 1069 bale wagon, cab, air, shedded, 700 hrs., like new, $21,500; 1033, 105 bale pull type, good shedded, $5,500; 1010, 56 bale, $1,400. Roeder Impl., Seneca, KS, 913-336-2800.

1982 MF 860 combine, 1 owner, kept inside, big tires, $28,500. Larry Stalter, "The Combine Man" 219-862-2151

(1) Used Lagoon pump, 27' Better Built; (1) Used liquid manure spreader, Better Built, 2600 gallons w/injectors; (1) used Uebler electric feed cart; (1) used Badger bedding chopper. 717-297-4246

(2) rebuilt front idlers for D6 Cat, 8U series. Asking $200. 717-536-3426

300 MF Combine, auto. head control, cab, good tires, excellent condition. 717-464-2894.

317 JD lawn and garden tractor w/48" mower, like new. Lanc. Co. 215-267-2128.

400 Gal. min-4" pump w/Wisc. eng. overhauled. 20'-4" alum. pipe, sprinklers, stands. 2500' 4" plastic pipe w/taps, 160 PSI. 7 ea. 400' coils of 3/4" plastic pipe 717-527-4974.

460 IH Utility gas tractor with 2000 Loader; 770 NH Chopper w/#2-Row corn head & grass head, IH 120 Forage Wagon w/10-ton electric ear & flotation tires. Edwards, 201-234-2043 early a.m or late p.m

705D Uni-system tractor, low hours, $8,000. 717-334-6418 or 717-334-8203.

705 Uni-System, 744 grain head, 713 & 717 comb. unit TD-9 Dozer, v-good cond, plus one for parts 2 John Deere "B" tractors, restored 717-527-4974

8,000 Gallon clean storage tank, 1/2" thick, 6x33, on steel pedestool, $1800, we can deliver 717-695-3332

AC A combine, 2R corn head & grain head w/ hume reel, good condition. $5,900. Berks County 215-326-4061

AC planters, 4+6 row no-till, IH 540, 4 bottom plow, AC 1200 field cultivator, 20', JD 1 shank sub-soiler, 7 shank chisel plow; JD-B roller harrow, 12'; IH 6 row cultivator 609-586-2869

N.H. 256 Hay Rake, rubber teeth, set-up w/ tires, $2100 717-768-3197

BATWING: New Woods 20'. 301-833-9091

Backhoe, Ford 4,000 gas, good condition, $5,200 301-833-9091.

Butler store and dry grain bin, 3,500 bushel capacity. Drying unit hardly used Must sell by July. Call mornings, 814-685-3987

Case 1160 combine, cab, monitor, 13' grain, 4R corn head, very good condition. Perry Co 717-589-3614 or 589-3540.

Case 56L quick attach loader with valves, wide bucket, $2,000. 301-833-9091.

Case 660 combine with 10 foot grain head, cab and pickup reel. Lycoming County, 717-435-0283.

CHISHOLM & RYDER SNAP BEAN HARVESTERS: (2) 666s dsl. 2R harvesters and one 504. Complete w/dump carts. Some three ton dumps available. 609-769-3183.

Chrysler industrial motor, completely overhauled, flat head, 6 cylinder w/ Hale irrigation pump for irrigation inlet hose included. $1,875. 717-748-5047

COMBINE: JD 55 w/234 2 row corn head and 12' grain head w/hume reel, cab heater and straw chopper, $4,500. Call after 6 p.m. 215-257-7050

Combine AC Gleaner F model, 438 corn head, 13' grain head; 22' tandem steel dump trailer w/55" sides. 301-877-9889

Crawler dozer, Case 310 gas, good condition, $2,800. 301-833-9091.

Cub farm tractor w/Cub chopper mower, 5' snow blade, & snow chains. York Co., after 3 p.m., 717-993-6506.

Cub LoBoy w/Mott mower. 717-626-4748 days or 626-6207 nights.

David Brown 1200 engine, recently overhauled, rubber or steel, Dunham 22 loader. Lanc. Co. 215-286-6117.

Deere 7720, $35,000.; 6620, $17,950.; 1978 7700, $14,800.; F Gleaner, $5,500.; G diesel, $5,950.; Int. 915, $8,900.; 915, $7,450.; 715, $8,400.; MF 540 diesel, $11,800. Also headers. Larry Stalter, "The Combine Man". 219-862-2151

Demo Diesel Tractors: 46 hp, $7,950. 55 hp, $10,950. 72 hp, $12,950. 301-833-1847

Deutz 40-06, 1600 hrs., needs paint, $2,600. 301-833-9091

Dion Forage Wagon: 14' 3-beater w/roof, JDAW 11'6" disc, 12' cultipacker, 12' spring tooth, JD harrow, Cumb. Co., 717-532-7778.

Dion Wagon, 3 beaters with roof, tandem axle, $3,500. JD 730 Diesel tractor, $3,250. 717-762-7362.

Farmall C, in very good condition, new paint job, includes cultivator, 2 row corn planter, mounted mower, $1,500. or Best Offer Call 215-323-7720 Days, 215-323-3610 Evenings

Farmers & Dealers -- Your advertising pays for itself when you advertise your equipment in the farm equipment section. 717-394-3047 or 717-626-1164

Ferguson 450 round baler, excellent condition, $3,500., Farmall 806 gas tractor, fast hitch, $3,500, Clay manure pump, almost new, excellent condition, $5,500 304-263-9801

FORKLIFTS 2000 to 12,000 lbs capacity Ready to go Priced to sell Valley Fork Lifts, Hagerstown, MD 301-739-6540

For Sale: Irrigation System: 2100', 5" pipe, 6 cylinder, 500 gpm Hale pump, 28 sprinklers 304-229-3457

For Sale IH 656 gas, narrow front, 3 pt., $3,500.; Dion unloading wagon, $1,000., IH 234 mounted 2 row picker, $1,000., Nice 717-273-2331

For Sale IH 403 diesel combine, 4 row narrow, grain head 13' extra corn head for parts $5,500 215-682-6257

For Sale: Int #10 PTO grain cart, excellent condition. 717-426-3135

For Sale: JD 213 grain head, $2,000. Halifax, Pa 717-896-3310

For Sale JD 310 gas,(tricycle), nice, $3,500. 717-273-2331

For Sale Mc.D riding cultivator. Clarence R. Luckenbill, Rt. 1, Bernville. Phone 215-488-1134.

For Sale: NI forage wagon, 3 beaters and roof, $1,100.; MM U, runs, $500. or Best Offer. Huntingdon Co. 814-448-2260

For Sale: NH #66 Baler, $390. 717-653-1064.

For Sale: NH 479 Haybine, good condition. Lancaster Co., 717-548-2877.

For Sale: NH #6 silage wagon with roof, $900; JD 9' harrow, $100; Case grain drill, $100. Lancaster Co. 215-445-6345.

For Sale: Round baler NH 850. 412-677-4795 after 6 PM.

For Sale: Self propelled Hesston 12' windrower #620, diesel motor. 717-665-3294

White 2-105 Fender tractor, $7500 814-793-4293

FOR SALE: 6' snowblade, cultivators, and 2B plow for Farmall C, $300 or trade for pull behind Bush Hog. 301-795-2851

FOR SALE: 609 Tobacco plants 10 pennlan. 717-656-8476.

FOR SALE-AS 600 Super B grain dryer - 3 phase; Ideal Metal bin, approx 250 bushel capacity. 717-286-6411 or 717-286-0215.

FOR SALE- JD 894 hay rake, JD 2R 3 pt. 246-247 corn planter; NI 750 hay conditioner. Lehigh Co Eves., 215-679-8921.

FOR SALE. NH 851 round baler. 301-334-4391.

Ford 1801 Select-o-speed industrial loader backhoe not running, $2,000. Wanted: 60" power takeoff rototiller. Ralph Otto, 970 S. Spring Garden St., Carlisle, PA 17013. 717-243-2980.

Ford 640 Tractor, 35 hp, 1957, 243 hours, mint condition, $3,100. 717-229-2247, Spring Grove, call before 9:30 p.m.

For Sale: (1) IH silage wagon, model 110, 16' long. Also (1) JD manure spreader, model 54. Call 215-827-7687

For Sale: 271 NH baler, good condition. 717-367-2633

For Sale: 2 John Blue 200 gal. Anhydrous saddle tanks, like new, $1,000. 717-838-5154.

For Sale Hay Equipment: IH 990 Haybine, IH 430 & IH 445 Hay Balers, 2 Truck Mounted Hay self loading elevators, NI 2R Hay Rake, NI 36' Elevator, B69 Mack Truck w/45' flatbed trailer. All excellent condition. 215-469-0303 before 8 p.m.

For Sale: 35 tobacco rail, 4x6x22, McCormick Deering #7 ensilage cutter. 814-383-2347 after 6 p.m. only.

For Sale: (4) Dion, 12 ton, 3 beater w/roof, 16' forage wagons $1,800 to $2,500. 717-744-2769

For Sale. Antique seed cleaner, The Frank S. Bechtel Seed and Grain Cleaner, made in Hanover, Pa., 1905, $150. A heavy duty 4 man type contractors winch, $100. New Holland baler, engine needs work, $100 Call 717-359-4091. Adams Co.

For Sale: AC 904 haybine; NH 66 baler w/bale thrower; 24' NH elevator; 3 pt. hay rake. Lebanon Co Phone 717-838-1694 after 6 p.m.

For Sale Bale Throwing Wagon Beds, all oak lumber, 8x8x18'. 215-273-2594

For Sale: Case 1835-B Uni Loader. Gehl 135 Mixer w/scales, $3600. Hesston Hydro-swing Haybine, $1200. 717-733-0575.

For Sale: Fox Chopper 3200 w/electric knife sharpener & 7' grass head, A-1 condition, ask for Bob after 6 p.m., 717-379-3245.

For Sale: Grove Forage Wagon, $700. 16' Bale Rack Wagon, $325. NH 36' Elevator, $750. IH 82 Auger Feed Combine, $1200. Farmall 340 w/ fast hitch. 215-562-4464.

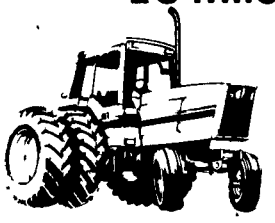
For Sale: 1935 McCormick Deering W-30, runs good, new paint, decals, good rubber. Also 1938 Farmall F-14. These tractors are completely restored and in very good condition. 607-225-4516.

STRIKE IT RICH!

SELL IT WITH A LANCASTER FARMING CLASSIFIED

HERR & LEAMAN

Used Farm Equipment Sales & Service
10 miles S. of Lancaster along Rt. 222



QUALITY TRACTORS AND EQUIPMENT/REASONABLY PRICED/SERVICED & BACKED WITH A 100% WARRANTY ON ENGINE AND DRIVE TRAIN ON TRACTORS PRICED OVER $2,000/WILL DELIVER ANYWHERE

TRACTORS

JD 4640, Quad, fact. cab & air, 20.8x38, w/duals
JD 4640, Quad, 20.8x38 radial, fact. cab & air
1981 JD 4440 Power shift, fact. cab & air
JD 4440, fact. cab & air, QR.
1979 JD 4240, fact. cab & air Quad range
JD 4430 QR, fact. cab & air, fully equipped
JD 4430, no cab, syncro range, local trade-in, clean tractor. SOLD
JD 4030 w/year round cab, dual hyd., 38" rubber
JD 4020 Diesel, dual hyd., WF, side console
JD 2940, 1980 model, fully equipped very nice
JD 2750 Fender tractor, like new
JD 2640 w/Hi-Lo, dual hyd.
JD 3020 Dsl., side console, WF, syncro
JD 1530 Diesel w/hi-low & ind. PTO
JD 2510 Gas
IH 1086 Fact. cab & air, radial tires
IH 1066, fact. red cab & air
IH 1066 fact. white cab w/air, nice
IH 1066 w/100 hrs. on Major Overhaul
IH 966 2200 orig. hrs., very nice
IH 966 Fender Tractor, 38" rubber
IH 886 Cab & Air, Fully Equipped, Sharp Low Hr Tractor
IH 1206 w/dual hyds. & PTO's
IH 826, WF, 3pt, 38" rubber, turbo
IH 856 Dsl. 3 pt., WF
IH 856 Di SOLD 38" rubber, WF, 3 pt.
IH 806 D SOLD w/NF
IH 806 Dsl. w/M&W Turbo, 3 pt., WF
IH 756 Dsl. 3 pt. WF, very nice
IH 666 Dsl. gear drive, WF, dual hyd.
IH 784 w/Quick attach loader
Farmall Super C w/loader & cult.
Oliver 1850 Dsl., NF, Cheap Power
MF 1135 w/enclosure, nice tractor
MF 235 D w/loader
Oliver 55 SOLD ility w/3 pt

HARVESTING EQUIPMENT

JD 4400 Dsl. Combine, Late '79 Model, very nice
JD 5400 self-propelled chopper, cab, air & hyd. w/3RW, 3RN, hay pickup, adapter & 343 corn head.
MF 540 Combine, SOLD air, like new, 300 hrs.
IH 715, Cab & Air, Gas, Hydro, 800 Series, Throat, very nice
NI 708, air, 4x4, w/almost new 838 husking bed, 841 Quick tach throat w/JD 443 4RN corn head
K Gleaner w/10' Floating cutter bar. Local 1-owner
NI 705 GMC V6 diesel cab, variable speed
NI 702, V6, gas w/cab
NI 701 Inline 6 cyl., gas, variable speed, cab
NI 717 Combine, nice
NI 713 Grain Head
(2) NI 737 Huskers
NI 740 & 741 Quick Tach Throats
NI 768 3R WN Chopperhead
NI 725 3RN corn head w/stripper bars
(2) NI 729A shellers
JD 443 4R Narrow Corn Head very good condition
NI 325 2RN Pull Picker w/12 roll bed

IMPLEMENTS

IH 6000 Conservation til chisel, 13-tooth
NI 279 Cut/conditioner
JD 110 Disc, 14'
JD AW Disc, 14'
JD RWA Disc, 12'
IH 470 Wing Fold, 16', 6"
12' Miller Offset disc, 3 bar
IH 37 10' Disc, nice

MISCELLANEOUS

185 bu. tank spreader
JD 158 Loader w/8' material bucket
Quick Tach Loader to fit the bigger IH tractors
Dual wheels - 34's and 38's
3 Cabs to fit 06 series thru 66 series IH tractors
Tractor Weights JD & IH
Cab to fit JD utility tractors, very nice cond

Dismantling For Parts

IH 1256	IH 706 Gas Tractor
IH 70 hydro w/good hydro	Farmall H
IH 806 Diesel	Used Dual PTO's for IH tractors
NI 702 D	

Box 191 New Providence, PA 17560
Business Ph. 717-786-1606
717/464-5960 Evenings

NEW EQUIPMENT CLEARANCE

Gehl 2160 Mower Conditioner 9' Cut $7000
Gehl 1860 Round Baler 5'x6' Bales..... $9000
Gehl 1500 Bale Handler..... $1800
New Idea 7' Cut Ditioner..... $4900
New Idea 9' Cut Ditioner..... $5400
Yanmar 226D Tractor- power shift, 4 W.D., 22 H.P..... $6600

WAIVER OF INTEREST ON USED TRACTORS UNTIL JAN. 1, 1987

USED EQUIPMENT

MISCELLANEOUS

Gehl 1580 Blower
Woods 15' Mower
Mechanical Trans-planter
5' 3 Pt. Rototiller
JD—AC—IH Corn Planters

SPREADERS

IH Grain Drill NI 213
Badger Box NI 214
NH 8 Forage Box NI 224
OMC 217 Mower Conditioner NH 675
NI 212

TRACTORS

JD 2640
Case 580 C Loader Backhoe
Case 1835 Uniloader
Case 2090 Cab
AC 160 w/Loader

NEW IDEA

838 Uni Husker
325/329 Picker Sheller
404 Wheel Rake

A.L. HERR & BRO.
PARK AVE., QUARRYVILLE, PA. 17566
PHONE: 717-786-3521

BUSH-HOG · NEW IDEA · GEHL Gets into your system · case · HEDLUND MARTIN

Loader for JD 850 or 950 tractor, new, $850.; Roll-bar for JD 850 or 950, new, $100. Model 22, 5' sickle bar mower for IH Cub, good condition, $150.; Rototiller for NH or Ariens garden tractor, new, $500. 814-238-4957 Days or 814-364-9333 Evenings.

MANURE SPREADER. NI Solids Plus 382, 222 bushel, excellent condition. Lanc Co 717-733-9371

Massey '85 tractor with loader, $2,900. Call 717-665-6023 evenings

Massey Ferguson 750 combine, 13 ft. header, $11,000 717-354-0680.

Massey Harris clipper combine, 7', PTO, bin, good condition. $100. York Co. 717-292-1343.

McCormick #10 grain drill w/grass seed and fert. attachments, $525; 18.4x34 tires on Oliver wheels and cast centers, $325; 18.4x38 tires on JD wheels and cast centers. 717-866-7066.

MF 1085 factory cab, multi power, dual hydraulics, new brakes, ft. tires, paint, 2880 hrs., good condition, 82 h.p., ready to go. Call 7:30-9:30 a.m. 717-687-0350 or 717-397-9921

MF 165 diesel, wide front, 3 pt. w/multi power, good condition. Will Deliver. 215-965-6363

MF 180 G, WF, new rubber, excellent, $3,900. 301-833-9091.

MF 265 dsl., ROPS, $4,900 301-833-9091

MF 35 self propelled combine, 8' grain head, good condition, reasonable. Also 450 IH G/D short block and 4 injectors. 717-374-0492

MF 410 combine w/13' flex head, excellent shape. 717-993-6328.

MF 510 combine diesel, gear drive, air conditioner, heater, 23-26 tires, auto header light control, 4 row corn head 30", 13' floating grain, soybean head, grain saver, straw spreader. 717-682-3991

MF 760 Dsl., V8 hydro. Combine. AC cab w/ heater, 30.5Lx32 tires, 16' table w/pickup reel & auto. header heights control, Chopper & bin extension, v.g. condition, ready for small grain, $18,000. 301-272-3638 day, 272-2620 night.

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New Vermeer round balers: 503I $6,750.; 504G $8,295., 604J $10,995.; 605J $11,700. 717-597-3364 or 717-597-4296

NH 1400 diesel, air, 1061 hours, kept in, very good. $6,250. Larry Stalter, "The Combine Man" 219-862-2151

NH TR85 Hydrostat Combine w/13' grain table head, 6 30' row corn head, 3208 Cat. diesel motor, 66x4300 10 ply wide flotation Terra tires plus standard tires & wheels, 176 hours, $48,000. 717-677-8576 or 717-677-6246.

NI 323 corn picker, $3,200., IH 350 disk w/Midwest harrow, $2,200., Bin on 8 ton gear, $1,000., Ford NAA tractor, $2,600.; Ford 3 pt. rake, $350.; Oliver drill, $800.; NH elevator, $800. 717-933-8719

NI 710 Combine, new condition, best offer. Baltimore Co., 301-922-5180.

Oliver 1600 diesel, WFE, 100 hrs. since major, good condition, $4,500. or Best Offer. Cambria County. 814-736-8266 evenings.

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Pearson pit pump, 8' w/3PTH; White 8600 combine w/15' cutter bar & 4RW corn head. 412-652-9373 or 412-652-8790.

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NH 269 baler, $675; IH 990, 7' haybine, $785; NI 279, 9' cutditioner, $1,775, 3 HP motor, $50; NH 56 rake, $975 717-354-0266.

N.H. 311 Engine Baler, Super Sweep, wagon hitch, (new), $7400. Jacob M. Fisher, 3230 E. Gordon Rd., Gordonville, PA. 17529.

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NH 718 harvester, 2R corn head, 12 knives, $2,000. Cumb. Co. 717-532-3989.

NH 80 wire tie hay baler w/4 cylinder Wisconsin electric start engine, mere new condition in storage, $900. 301-689-6655 or Saturday eves., 304-329-1867.

NH automatic bale wagon #1037, very good condition. Mon.Co., NJ. 609-259-2413.

NH Baler, model 315, w/bale thrower, hyd. aimer & tension control, excellent shape, always owner operated. 201-369-4738, 201-369-8717.

NH baler, good condition, $450; MF 3-14 roll over plow, very good condition, $650; IH Model 10 drill, very good condition, $850; JD 2R planter, good condition, $550; 18' wagon, 8 ton running gear, like new, $1,400. 215-488-7060.

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AC HD11 direct start dozer w/blade, $7500. 814-793-4293.

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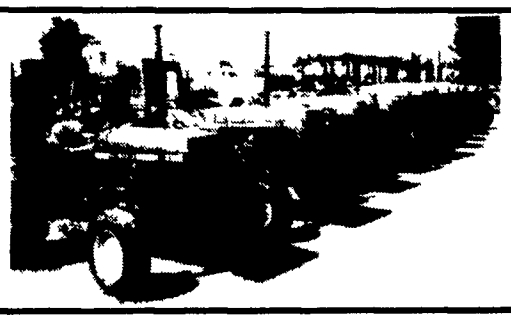

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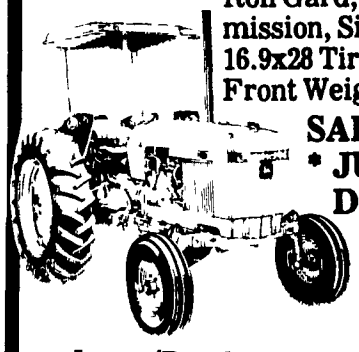
JD 2350, 55 HP
Roll Gard, TSS Transmission, Single Remote, 16.9x28 Tires, Engine Heater, Front Weight Support.



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Lease/Purchase As Low As **$269.93**/mo.

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JD 2350 MFWD TRACTOR
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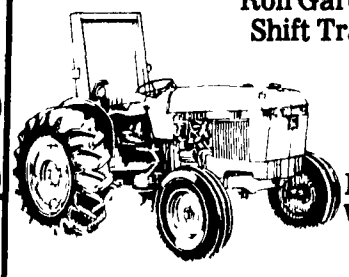

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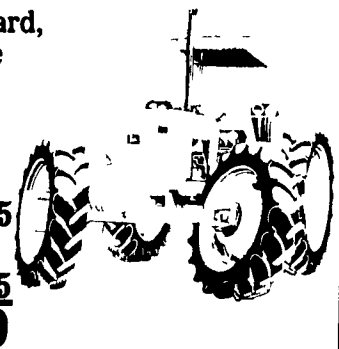
JD 2750, 75 HP
Two Wheel Drive, Roll Gard, TSS Transmission, Single Remote, 16.9x34 Tires, Row Crop Fenders, Thermostart, Front Weight Support



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JD 2750 TRACTOR
w/More Options & Extras
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JD 3150, 95 HP
4 Post Roll Gard, MFWD, TSS Hi-Lo Shift Transmission, 18.4x38 Tires, Thermostart, Engine Heater

SALE PRICE $30,575
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$29,750

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JD 4050, 105 H.P.
2 Wheel Drive, 4 Post Roll Gard, Power Shift Trans., 18.4x38 Tires, Front Weights
SALE PRICE $30,975
* JUNE CASH DISCOUNT ..... -875
$30,100

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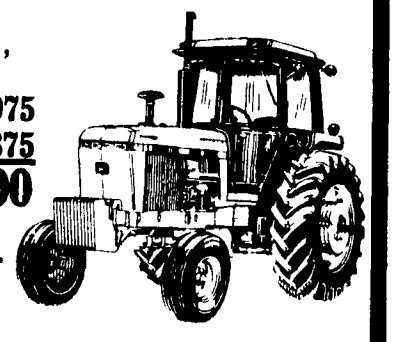

JD 4050 TRACTOR
MFWD, Sound Gard Body, Quad Range Trans., 18.4x38 Tires, Front Weights
SALE PRICE $38,175
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- 4050 2WD, Sound Gard Body, Power Shift
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1 FARM EQUIPMENT

JD and Hesston 7' haybines, Choice $1,600.; Forage boxes, $275 to $875.; MF 300 combine, $2,800.; Oliver 70, $375., MF 750 diesel hydro w/6 row and cutter bar, $18,000., Hesston round bale processor, $2,200., New Vicon rakes, $775 717-524-2410

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Late Deere 3300 diesel, 10' header, about 700 hours, Larry Stalter, "The Combine Man" 219-862-2151

Late JD 105 Diesel w/ turbo, cab, quick attach, 14' grain, 643 cornhead, new Mitchlein 23.1-26 radial mud tires, large inventory of bearing and spare parts. Ready to go. $10,500. Evenings, 717-247-2948.

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JD 3020-D, WFE, new rubber, $5,200 301-833-9091

JD 3130, dual hydraulic, hi-low trans., radial tires $7,800 215-383-6818

JD 350 crawler loader, needs undercarriage work, $5,700 814-793-4293

JD 4040S, European version of the 4050, caster action, MFWD, cab, air, quad range, radial tires, 2,000 hours, weights, excellent condition. 215-383-6818

JD 4430 w/cab, power shift, excellent 717-532-7054

JD 4440, cab, air, quad range, front wheel assist, excellent condition, $19,000. 215-383-6818

JD 4520 w/factory cab, dual hydraulics, excellent $7500. 814-793-4293

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IH chopper, Model 550, F H, $1,100 717-432-5438 after 7PM

JD 170 skid loader, 65 h p, gas, 6' bucket, $5,000; Gehl 1500 round baler, $2,000, NH 852 auto wrap baler, like new, $7,200, IH 10' offset disc on wheels w/cylinder, new disc, $1,500, Ford 4000 diesel, 40 h.p., 3 pt dual outlets, $3,000; IH 14' 500 disc harrow on dual wheels, like new, $2,700. 301-898-7426

JD 2030 gas tractor w/145 loader, in excellent condition. Also JD 2030 diesel tractor, in excellent condition. 717-532-7054

JD 2510 G, NF, new engine, warranty, $3,000. 301-833-9091.

JD 3010 diesel, excellent condition. 814-793-4293.

JD 3010 Gas, NF, good condition. NI 272 Cut/ditioner. 215-562-5000.

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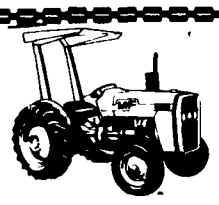

MF Massey Ferguson

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MF 40 Diesel Tractor w/Loader
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MF 510 Combine w/63C Corn Head

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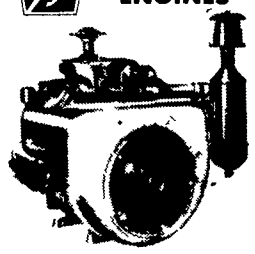

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475 disc, 17'5"
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800 Cyclo planters, 4R
IH 5500 mtd. chisel plow, 9'
IH 4500 Vibra Shank
IH 5100 Grain Drill, 20x6

USED EQUIPMENT

NH 316 Baler no Thrower, used 1 seasons, excel
NH 276 Baler w/Thrower, nice

IH 384
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IH 1256 Tractor
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Potato planters
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Holland transplanter
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Eager Beaver. 20HA

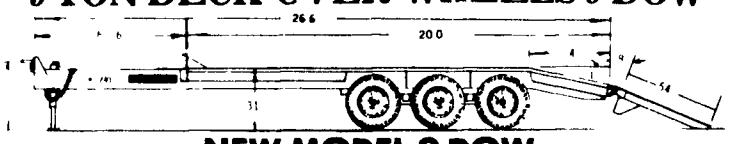
20 TON HEAVY AIR BRAKES 20 HA

List ~~$12,095~~

Capacity: 40,000 lbs. at 50 MPH
Trailer Weight: 7,050 lbs.
Overall Length: 27'6"
Overall Width: 96"
Deck Length: 22'
Deck Width: 96"
Deck Height: 37"
Tires: (8) 8.25 R 15 (G) Radial

CLEARANCE PRICE
$9,250
Plus F.E.T. $846.00

9 TON DECK-OVER-WHEELS 9 DOW



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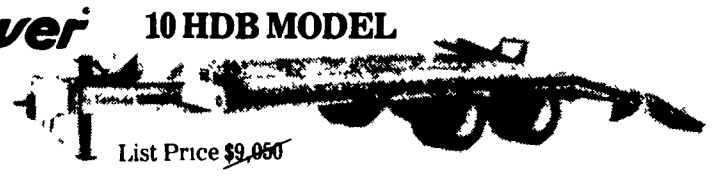
NEW MODEL 9 DOW CLEARANCE SALE PRICE ONLY $4,350

Reg. List Price, Setup....$5,500

Also Available: B9 DOW BUDD WHEEL MODEL..... **$4,550**

Eager Beaver 10 HDB MODEL



10 TON TRAILER w/ELECTRIC BRAKES

List Price ~~$9,050~~

DISCOUNT SALE PRICE $7,300
No. F.E.T. Required

Capacity at 54 MPH	Trailer Weight	Gross Vehicle Weight at 54 MPH	Overall Length	Overall Width	Deck Length	Deck Width	Deck Height
20 000 lbs	5 800 lbs	25 800 lbs	27 6	96	20	96	32½
9 072 kgs	2 631 kgs	11 703 kgs	7 468mm	2 438mm	6 096mm	2 438mm	826mm

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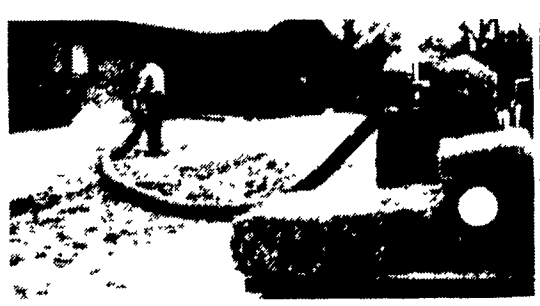
The Bale Chopper is ideal for mulching strawberries or any row crop.



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Danish Tine cultivator
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MF 184-4, 4WD
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Vermeer 504C Round Baler, $3200. 9' Vermeer #275 Disc Haybine, $6800, demo 412-423-4076.

Rockford PTO Clutch w/ reduction gear, double disc, 1 3/4 to 1 ratio, new in crate, $800 or best offer. 717-244-2669.

Round baler, Hesston 5530, like new, $5,300 301-833-9091.

Straw chopper, like new, for MF 750 combine. Evenings, 717-444-3889.

TANKS-good used 500-800 gal. for fuel, culverts, etc. 215-356-5305.

Tifone air blast sprayers. Ideal for orchards, produce. Pequea Planter, R.D.2, Box 2276, Gap, Pa. 17527. Lancaster Co.

Used sawmills for sale. We buy and sell. Leroy Wray, R D. 1, Douglassville, PA 19518. 215-385-3884.

For Sale: Vermeer 3 pt. hitch, 30", 4 shovel tree spade, very little use, kept under shed, $4,750. 301-235-1307

For Sale: White 2-60, 4WD, 1800 hours, good condition, with or without loader. 814-623-2667.

Framall MTA Dsl. w/ power steering and live PTO, $2,000. 301-689-6655 or Saturday eves., 304-329-1867.

GAS GENERATOR: 250KW, 12 cylinder. Ideal for natural gas or methane, Complete, $9,000. 717-394-0597.

Gehl 1090 haybine; NH 315 baler w/thrower; NH side delivery rake; Pequea PTO hay tedder; (4) bale wagons. All equipment in A1 condition. 717-529-6531

Gehl 750 forage harvester, NR, head used one season. $7,500. 717-776-3276.

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Gleaner F-2 combine diesel w/13' platform, good condition. Nichols Farm Equip. 717-784-7731

H Model Farmall, new tires, excellent condition, $1250. 302-652-8312 after 6 p.m.

JH 1026 hydro tractor, 115 h.p., 2300 original hours, excellent condition; 82 MF 12' combine, very good, never out in rain; Kilbrothers gravity bin on 16,000 lb. wagon, excellent condition; 7' rotary mower, 3 pt. hitch, like new. Berks County. 215-589-2385

IH 1300 fast hitch sickle, $6650. 301-833-9091.

IH 1456 Dsl., dual hydraulic, 540 and 1,000, very good condition, $7,800. 215-593-6043.

IH 656 D hydro, NF, excellent, $4,500. 301-833-9091.

IH 656 gas utility with new Shaver post driver, $4,000. 301-833-9091.

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Introducing. . .
DUMP & CARRY

- 3 Point Hitch Hookup (Cat. 1)
- 40x40x12 Inch Box
- 11 Cu. Ft. Capacity (500 lbs. max.)
- Lowers to Ground Level to Load
- Load Cargo at Ground Level
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- Rasies to Level for Transport
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$295

CASE 580C CANOPY BACKHOE LOADER
w/4 in 1 Loader Bucket
4910
ONLY **$14,800**

NOTICE: We Have All Kinds And Sizes of Rotary Mowers In Stock
Economy - Heavy Duty 3 Pt. - Pull Type

Call Us For Your Needs Now

Just Arrived
CASE 850B CRAWLER w/4 in 1 LOADER
1977 Model w/70% Undercarriage, Very Good!
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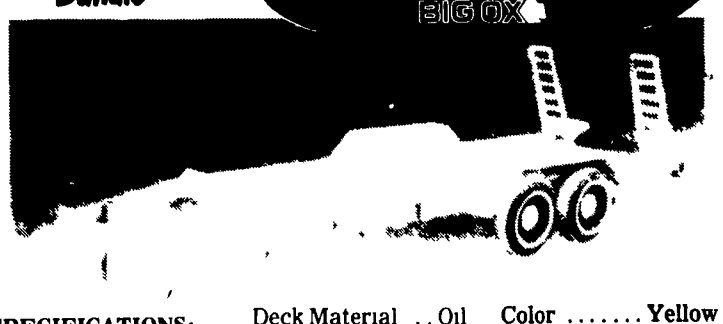

SPECIFICATIONS:
Axles. 2
Brake Axles. 2
Hitch . . 2 5/16" Ball
Deck Material . . Oil treated 2" pine
Tires 8x14.5
Capacity . 10,000 Lbs.
Color . . . . . Yellow
GVW . . . . 12,005 Lbs. 16 Ft. Model
Deck Width . . . . . 76"
Deck Height . . . . 19"

Removable Bolt On Fenders Are Included In Price

- **TT14** Deck Length: 14 Ft. List ~~$2,465~~ SALE **$1,695**
- **TT16** Deck Length: 16 Ft. List ~~$2,535~~ SALE **$1,755**

DAIRY MONTH SPECIAL
Price Reduced
THE FARM WORKHORSE IS NOT A TOY & IS WAITING TO WORK FOR YOU!

Brand New American-Built
SASQUATCH 9 H.P. 3 WHEELER
w/Heavy Duty Variable Speed
And Reverse For Only ~~$1,750~~
ONLY **$1,495**

MANY USES, INCLUDING:
- Use In Moving Irrigation Systems, Etc.
- Seeding w/Mounted Spinner Seeders
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- Pulling Carts
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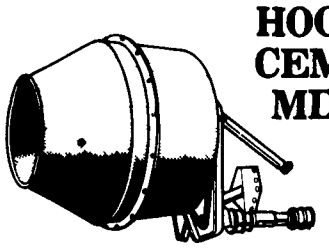
LOOK...DO YOUR OWN LIGHT CONCRETE WORK WITH YOUR OWN MIXER
BRAND NEW 3 PT. HOOKUP CEMENT MIXER



540 PTO Drive, Mix Capacity Approx. 84.5 Gallons
Most Competitive Models Priced Well Over $800
OUR DISCOUNTED SALE PRICE ONLY **$485**

LIKE NEW CASE 2290

w/Canopy, Standard Shift, 8 Speed, 129 HP Rating, 540-1000 PTO, Approx. 500 Actual Hrs.
CASH PRICE **$14,800**

SAVE $3,000
1971 Case 780 Loader Backhoe w/Cab

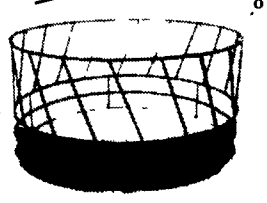
Completely Rebuilt Motor, 18.4x28 Tires - 90%, Serial No. 246. - A Good Clean Machine

Reg. Price ~~$17,800~~
DISCOUNT SALE PRICE **$14,800**
Available Now

TAKE 50% OFF
Almost New Case Model 116 Demo 16 HP Compact Riding Mower

Serial No. 14047818
w/44" Rear Discharge Mower
LESS 50%... ~~$2,971~~
ONLY **$1,485**
New Warranty

Ideal For Summertime Pasture Feeding
SPECIAL OFFER
ROUND BALE FEEDERS w/LOWER FEED SAVER PANEL
8" Dia. x 44" High w/15" Feed Saver Panel

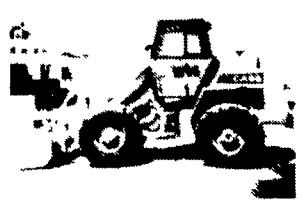


Round Feeders are rugged constructed to give years of feed saving service Each feeder makes it possible to feed nearly 100% of your big bales to over 20 head of full grown cows. The nearly 100% Utilization of feed can more than double your feed dollars.

w/Short 4" Extension Legs To Keep Unit Above Mud

IN STOCK **$98.50**

Price Has Been Reduced
CASE W14 WHEEL LOADER
A Very Clean & Sound Machine w/Cab, Heater, 16.9x24 Tires (Good), Rebuilt Brakes. 1979 Model, Ready To Work! ~~$26,500~~
NOW ONLY **$19,850**



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Woods RM600, new, $1,300 301-833-9091.

Westgo row crop cultivator, model 2020, 4 rows, used 3-times, good condition, $2100 609-692-1831, call at 7 p.m. Vineland, N.J Cumberland Co

White 2-150 cab and air 814-793-4293

Will Trade Steel Wheels for good rubber wheels for Farmall H 302-378-8037

Woods 6' 3 pt rotary cutter; Farmall C w/ cultivators, 4R front mounted JD cultivator; 2 and 4R IH late style cultivators, front and rear mounted; NI running gear. 717-786-3087.

TRACTORS: IH 966 Cab, 856 Cab, 766 Cab, 706, 666, 656, 606, 574, 560, 460, 450, 350, H, & M; JD 730 Gas & Dsl.

COMBINES: JD 4400 & 45; IH 205 & 93; others available.

ROUND BALERS: NH 252, (2) NH 850's; Vermeer 504 Super F; IH 420 w/thrower. Haybines; Rakes; New 165 bushel grain bins, $550; new Kory wagon gears; new steel rack hay wagon.
IH 720 & JD 38 Harvesters

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4 ft., 5 ft. & 6 ft.
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* Box Blades 4'-8'
* Stone Rakes 6'-8'
* Post Hole Diggers
* 1 Row Cultivators
* Dirt Scoops
* Boom Poles
* Rear Carriers
* Wood Saws
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* Concrete Mixers
* Field Cultivators
* Potato Plows
* Hay Rakes & Tedders
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* 5'-6' Finish Mowers
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* Power Winch
* 8 Ton Wagon Gears
* 10' Tilt Trailer
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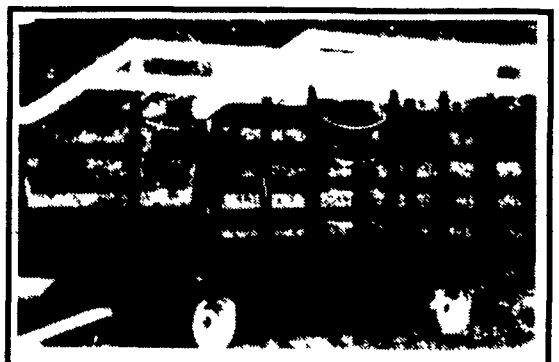

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18'L - 9½'W - 7½' H - Painted
Extra wide, 8 ton gear adj. tong.
11L tires and tubes..... $1,280
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20' Green Chop Feeding Rack $470
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For wagon gears only...
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Dealers: We are paying cash for cores. If you have quantity. We will pick up.

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IH 460 Diesel
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JD 4020 Syncro, factory wide front
JD 4010, wide front end
Set of 34" factory duals off of 2-85 White, hub, wheels and rims, axle sizes 3¼.
Farmall 856 Diesel, Wide Front, 3 Pt.
Farmall 966, 1975 Model, Diff. Lock and Clutch Assist, Cab and Air, Good Solid Tractor
Super MTA, Good Condition, Rebuilt TA, Wide Front Available.
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Delivery Available Anywhere

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We buy and sell used parts and parts tractors. We have a good selection of quality used parts at competitive prices. Please have part no. when calling, if possible.

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Following is a list of engines we obtained through trade-ins, etc. All of them have been tuned-up and checked-out in our shop and are guaranteed to be in good condition when they leave our shop. No other warranty applies.

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S-8D 8 hp Wisconsin w/Clutch	$175.00
AENL 9 HP Wisc Recent Overhaul	$250.00
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AA1 6SAE HP Petter Crankstart NEW	$450.00
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530 8½ SAE HP Lombardini w/4-1 Reduction Demonstrator	$575.00
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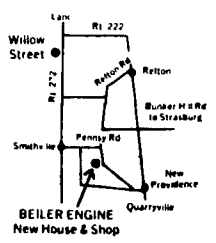

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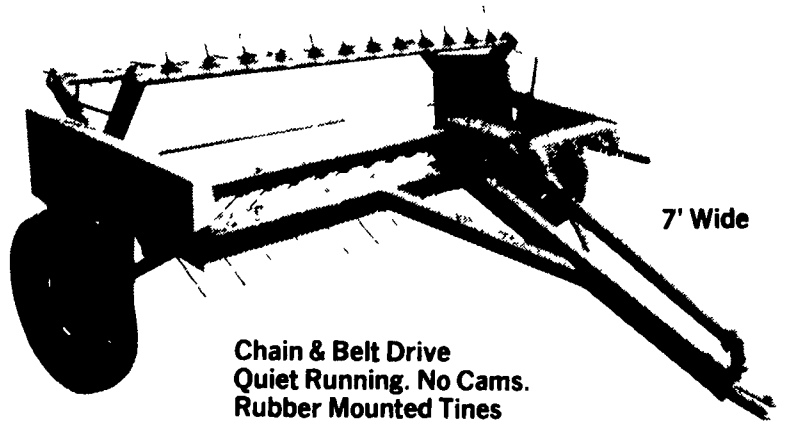
P.T.O. HAY TEDDER



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Chain & Belt Drive
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Rubber Mounted Tines

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Hands-only all-function controls
Hydrostatic drive
Around-the-farm versatility

MODEL 1816C
16 HP

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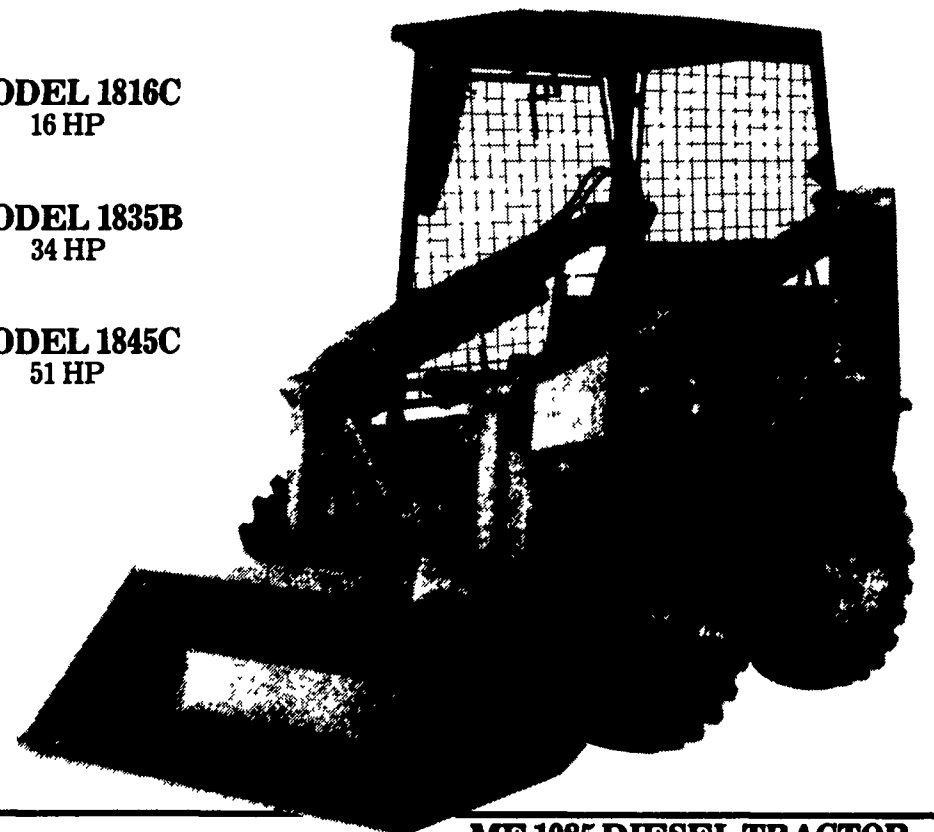
51 HP



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Try A New CASE IH 435 BALER w/A NO. 15 AUTO. THROWER
Pay Only $9,369 & Get Waiver Till May 1, 1987 OR 5% Financing
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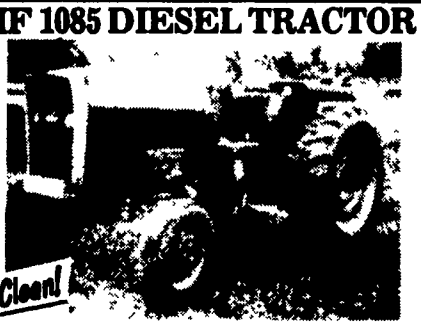
Now Is The Time!

MF 1085 DIESEL TRACTOR



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Rebuilt Motor & Driveline, 1973 Model
ONLY $7,650

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Approx. 1600 Hrs.
Direct From IH Engineering
Get A Good Deal Now!

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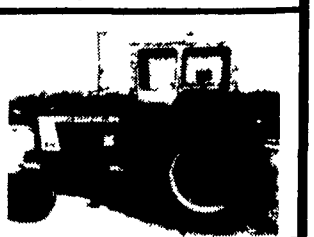
Good - 1 Owner
Like New 20.8x38 Tires, New TA
Used 180 Hrs.
CASH PRICE **$9,800**



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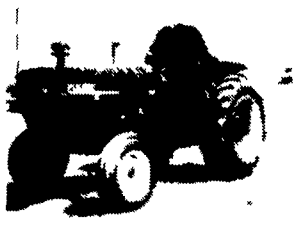
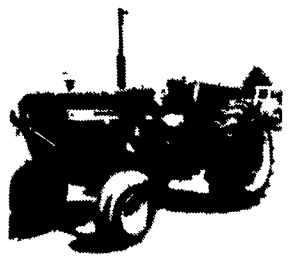
NEW CASE IH MODEL 1394 65 H.P.

w/540-1000 PTO, 12 Speed Trans., Ser. No. 3992



CASH PRICE **$14,275**
OR Pay $3,850 Down Payment & 5% Financing On Balance Of $11,600

NEW CASE IH MODEL 1494



75 H.P. w/ 15 Speed CREEPER TRANSMISSION

$16,650 CASH
OR Pay $4,550 Down
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NEW IH 254 2 WHEEL DRIVE

21 H.P. w/Turf Tires, Syncro-Mesh Trans.

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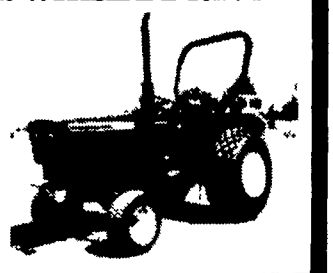
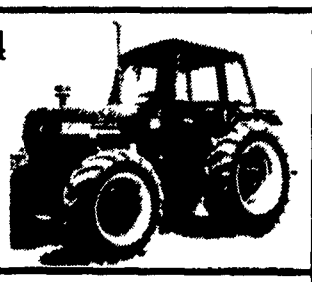


NEW CASE IH MODEL 1394

65 H.P., All Wheel Drive w/Cab, Air, Heat, Power Shift, 540-1000 PTO

Call For LOW PRICE



NEW 1190

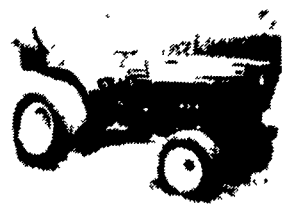
1190 Mower Conditioner
The 1190 cuts, conditions, windrows or swaths to help you preserve more of the maximum feed value of your hay crops It cuts fast and clean, has crush and crimp conditioning for fast curing, and the header floats laterally and vertically to harvest more crop

9 Ft. In Stock

$7,543 w/Waiver of Finance Till May 1, 1987

OR PAY CASH...$6,995

NEW IH MODEL 234



15 H.P. w/ Flotation Turf Tires, Gear Trans., 3 Pt. Hitch

w/F35 Woods 60" Mower

Buy Complete Package For Only **$6,525**

13.5% Financing Available, Including Insurance

They Are Here...

IH MODEL 274

30 H.P. One Row Offset Cultivating Tractor w/3 Pt. Hookup

CASH PRICE **$8,912**
Financing Available

YOUR CHOICE OF TWO NEW CASE TRACTORS PROVEN NO. 1 IN RECENT NEBRASKA FUEL EFFICIENCY TESTS FOR 100 TO 120 HP CLASS

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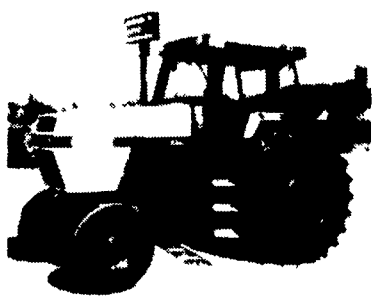

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Rated 115 H.P., 11.00x16 Front Tires & 20.8x38 Radial Rear Tires, Twin Hyd. Outlets, 540-1000 PTO, Telescopic 3 Pt. Hitch Arms, Weight Frame w/6 Weights, No. 9938072

$27,800
w/8.8% Financing

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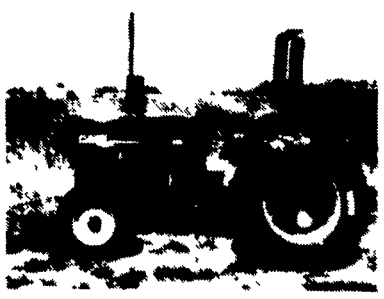
BRAND NEW CASE IH MODEL 485 TRACTOR, 42 HP

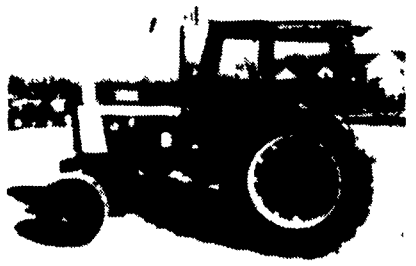
Come & See The All New Reverser Transmission, Ideal For Loader Application



Plus

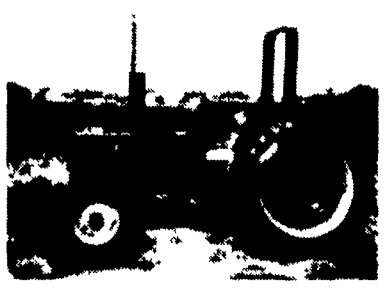
Get A Surprisingly GOOD DEAL Now - *Don't Wait!*

HYDRO 100 DIESEL w/Cab, Air, Heater



1975 Model, 18.4x38 80%

~~$9,800~~ **$8,900**



Come & See The **ALL NEW ROW CROP CASE IH MODEL 885, 72 HP**

Trade Up Now!

NEW CASE 2294

Cab, Air, Heater, Power Shift, 2 Wheel Drive, 130 H.P., 20.8x38 Tires, Radar Sensor

CASH PRICE **$28,500**

CASE 2096 ALL WHEEL DRIVE

Rated 115 H.P., 14.9x28 Front Tires & 18.4x38 Radial Rear Tires, 540-1000 PTO, Telescopic 3 Pt. Hitch Arms, Special Radar Wheel Slip Monitor For True Ground Speed, Weight Frame w/12 Weights

ONLY **$32,950**
w/8.8% Financing, So Trade-Up Now!

MF MODEL 178 DIESEL TRACTOR

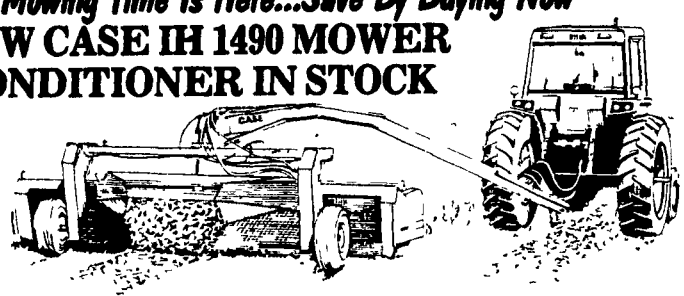
w/Power Adjust Wheels, Dual Remote Hydraulics (Hydraulic needs repair)

BUY AS IS **$2,500**

Mowing Time Is Here...Save By Buying Now

NEW CASE IH 1490 MOWER CONDITIONER IN STOCK

12'3" Cutting Width



2 Rubber, Intermeshing Conditioning Rolls, 106" Long w/Automatic Roll Pressure

Pay $11,425 And Get 5% Financing OR Waiver of Finance Till May 1, 1987

OR PAY CASH, ONLY $10,615

Call For A Demonstration Now

Excellent Used **CASE 1845 DIESEL UNILOADER**

45 HP Model w/Hyd. Drive

Heavy Duty 73" Dirt & Rock Bucket, New 12.00x16.5 Flotation Lug Tires, 2,381 Hrs., S/N 3920

Come & See To Appreciate ONLY **$9,900**

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It's Here Now... A Big, Discount PRICE-CUTTING SUPER SAVER SALE On State-Of-The-Art Quality Gehl All Hydrostatic SKID STEER LOADERS..... UP TO 40% OFF

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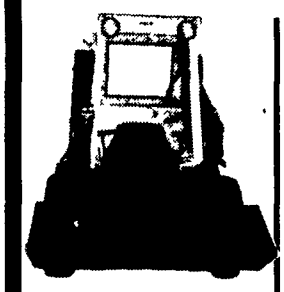


Haul On Your Pickup Truck

Gehl 3310

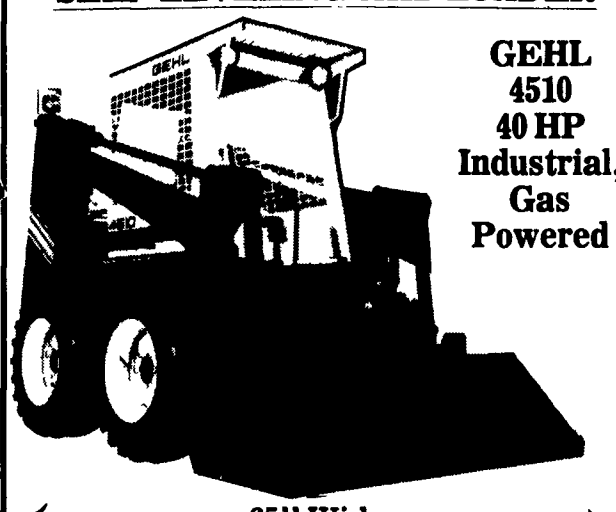
- New Gehl Model 3310, 20 HP w/5.70x15 Tires And 48" Wide Bucket, SN#1295

One Only
List Price
$12,141

DISCOUNT SALE PRICE ONLY

$6,840

SELF-LEVELING SKID LOADER



GEHL 4510 40 HP Industrial, Gas Powered

65" Wide

w/65" Bucket, 10.00x16.5 Tires
List Price ..... $17,000 Plus

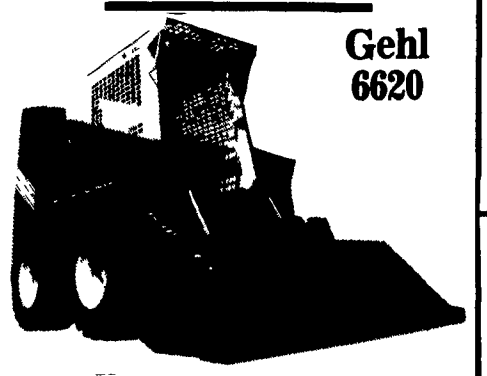
DISCOUNT SALE PRICE.... $11,826

Just Arrived

NEW GEHL 3410 DIESEL SKID LOADER

w/A New 3 Cylinder Diesel Engine

$9,395 *Come & See!*



Gehl 6620

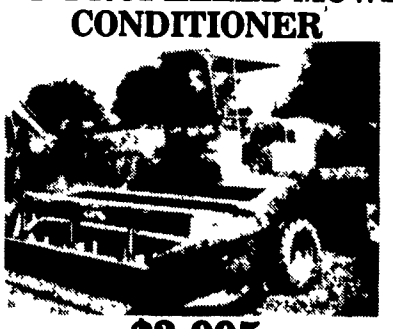
72" Wide
Operating Capacity Of 2,050 Lbs.

- New Gehl Model 6620, 60 HP w/12.00x16.5 Tires And Hi-Capacity 72" Bucket, Standard Equipped w/Front Aux. Hydraulics & Working Lights

List Price $28,315

DISCOUNT SALE PRICE $18,365

IH MODEL 225 9 FT. SELF-PROPELLED MOWER CONDITIONER



$3,995

CASE 730 GAS COMFORT KING TRACTOR

Dual Hyd. Outlets, 540 Live PTO #8283099

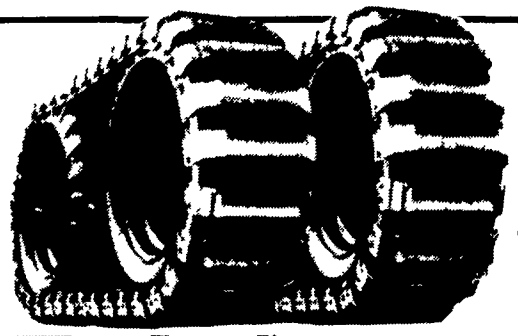
$3,650

BAKER-YORK 4,000 LB. INDUSTRIAL FORKLIFT

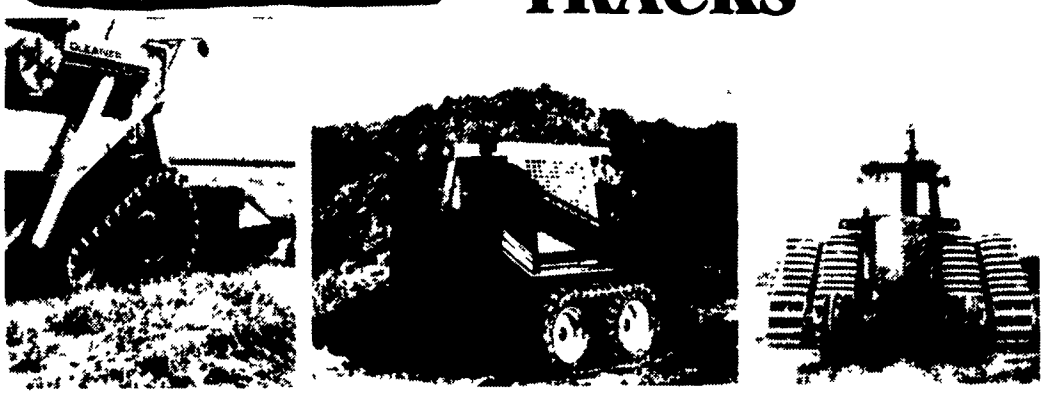
Lift Height: Approx. 8 Ft.

Ideal For Indoor-Outdoor Uses

ONLY **$6,800**



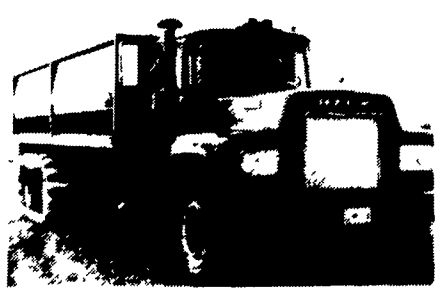
THE SURE-FOOTED TIRE CRAWLER TRACKS



LOEGERING MFG. INC.

"Best of Both"

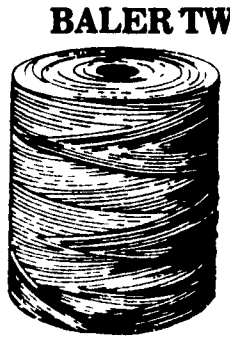
The Soft Ride Of Rubber Plus The Durability Of Steel



See Us For All Your Needs

PLACE YOUR ORDER NOW!

BALER TWINE IN STOCK

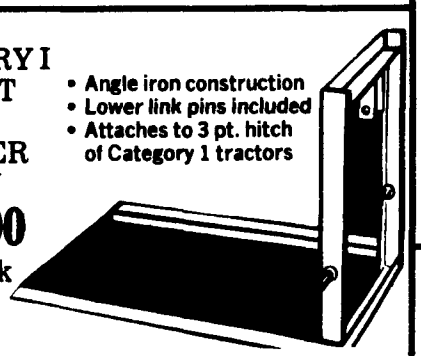


SAVE! SAVE $$$ NOW!

- Good Quality Clover Baler Twine
- No. 1 Quality Sisal Twine - 9,000 Ft., 10,000 Ft.

CATEGORY I 3 POINT LIFT CARRIER ONLY $45.00 In Stock

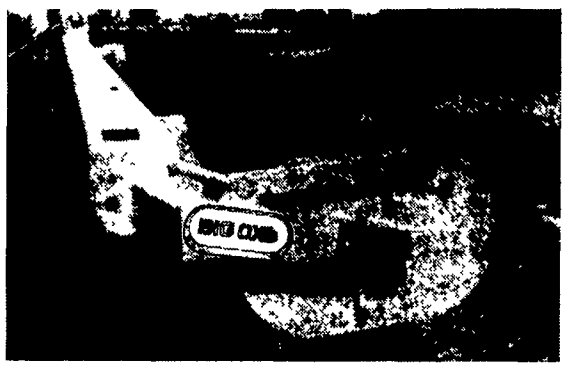
- Angle iron construction
- Lower link pins included
- Attaches to 3 pt. hitch of Category 1 tractors

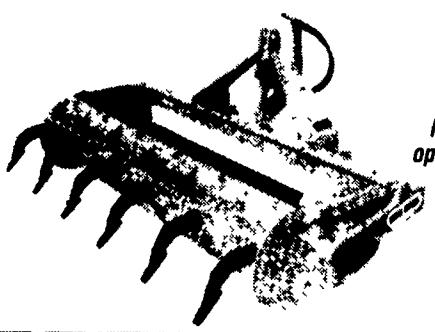


BLADE, SCARIFIER BOX BLADE

A pull of the trip lever locates the desired position.

MODELS ROB48 ROB54 ROB66 ROB72 ROB84



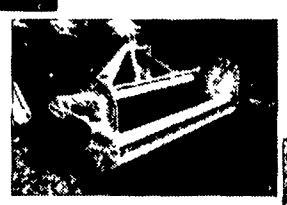


Roll Over Box Blade with optional Hydraulic Trip Lever Kit for larger tractors or tractors with cabs.

The Roll-Over Box Blade will drag a load or level a work site to grade

FEATURES

- 2 piece construction
- Convenient locking rod for shanks
- Shanks preset to 30° entry position
- High carbon steel reversible cutting edges
- Heavy duty "A" frame
- Greasable bearings



To rip, rotate the Roll-Over to the scarifying position Rigid shanks offer penetration in hard or compacted soil with minimal drag

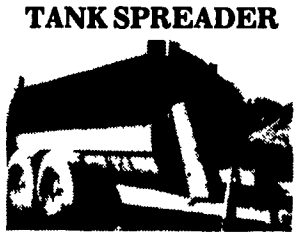
Simply trip the lever and reverse the blade for backfilling

SPECIFICATIONS

MODEL	ROB 48	ROB 54	ROB 66	ROB 72	ROB 84
Box height	16	16	16	16	16
Width	48	54	66	72	84
No. of shanks	5	5	6	7	8
Hitch	Cat. 1	Cat. 1	Cat. 1 & 2	Cat. 1 & 2	Cat. 1 & 2
Approx. Weight	545	590	710	760	870
No. of cutting edges	2	2	2	2	2
Maximum H.P.	45	75	75	75	75

IN STOCK
Model ROB72 ONLY
$716

STARLINE TANDEM AXLE TANK SPREADER



$3,650

DO YOUR OWN LOGGING With A 3 Pt. PTO CABLE WINCH

- Approx. 250 Ft. Of Cable
- 3 Ton Pull

$545

BINKLEY & HURST BROS. INC.
SALES PARTS SERVICE

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Located ½ Mile North of Rothsville
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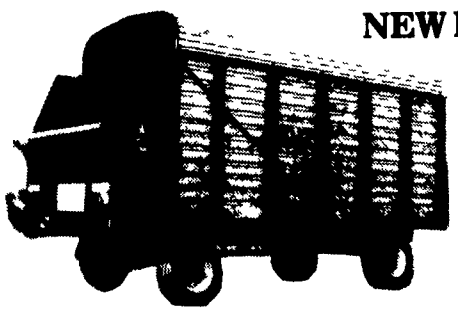
Machinery Specials Check For New Arrivals!

- Case 2290 Tractor w/Cab, Air, Heat, AM/FM Radio, New Tires, Power Shift, Local Trade $15,500
- IH Model 56 Blower, No. 20328 ..... $975
- IH Model 56 Blower, No. U111, Ready For Hard Work $1,295
- NH Model 790 Manure Spreader w/Top Beater
- 18 Ft. Taylorway Wing Disk w/9" Spacing, Hydraulic Wing Fold, Flex Type Spring Hangers w/New Earth Metal 20" Diameter Blades On Front Gangs and 20" Used On Rear Gangs $4,650
- Steiger Wildcat ST 210 4 Wheel w/3208 Cat Engine, Only 400 Hrs., 3 Hydraulic Valves, 3 Pt. Hitch, 18.4x34 Duals, Buy at 8.8% Financing $14,500
- Case 2670 251 HP Rating, 4 Wheel Drive w/3 Pt. Hitch, PTO, 20.8x34 Duals, Clean and Priced Right!
- Used Case 2290 Tractor w/Cab, Air, Heat, Approx. 130 HP, Firestone Radial Tires, 10 Front Weights, Only 400 Hrs.
- Case 1490 MFP All Wheel Drive, 70 HP Tractor w/Standard Shift
- (2) Used Gehl 810 Forage Boxes On Running Gears, No Roof ..... $1,200 Each
- Gehl Model 88 Blower $450
- New Quick-Attach Pallet Forks For Your Bucket Loaders One Set In Stock 4,000 Lb. Rating ..... Only $585
- New! 3 Pt. Fertilizer Spreader & Seed Caster 1M Model 1010 10 Bushel Size $329
  1M Model 610 6 Bushel Size $284
- Like New Speed King 6"x28' Transport Grain Auger w/Electric Drive, Less Motor $550
- New Holland Model 80 3 Pt. Round Bale Mover, Less Cylinder $385
- Good Used Gehl 99 Hi-Throw Blower, 540 PTO ..... Only $1,295
- Good White Model 5400 No-Till 4 Row Planter, Seed Monitor, w/Alarm Dry Fertilizer And Insecticide $3,780
- DMI 16.9x38 Duals w/Tires $595
- Rhino Model 83 Transport Type Disk Harrow, Nice $1,495
- IH 510 Grain Drill 21x7, With Double Disk Openers ..... The Price Is Right
- Valk 8' Snow Plow $750
- Used Glencoe 12 Foot Field Cultivator, Less Lift Cylinder, Pull Type Machine ..... Now Only $850
- Used Gehl 350 Manure Spreader, Tandem Axle w/Hydraulic Endgate $2,600
- Brand New 3 Pt. Hookup Cement Mixer, 540 PTO Drive, Mix Capacity Approx. 84.5 Gallons ..... Only $485
- Kuhn EL92 Power Tiller, 36" $795
- Kuhn EL50/155 Power Tiller, 60" $1,175
- Kuhn Model 452T, 17' Tedder $2,375
- Kuhn Model GA300G 3 Pt., 10'6" Rake $1,675
- Kuhn Model GA402 3 Pt. 13' Rake $2,095
- Kuhn Model GF440T Pull 13' Tedder $1,975
- Category I 3 Point Lift Carrier, In Stock ..... Only $45.00
- Special New 3 Pt. Hookup Saw Buck (Most Models Are Priced Over $800) ..... Our Price Only $450
- 3 Pt. Round Bale Spear ..... Only $130

ROTARY CUTTERS IN STOCK

- Rhino SE4 3 Pt., 4' $425
- Rhino SE7 w/Pan, 7', Slip Clutch $1,196
- Bush Hog 4', 3 Pt. Squealer $475
- IMC 5', 3 Pt. Lawn-Type Rotary Mower $695
- South East RC 120 Drag Pull-Type 10' Rotary Cutter w/15" Used Auto Tires $2,390
- Challenger 6' Lawn-Type Mower w/Front Roller $1,275
- 3 Pt. Hookup Post Digger w/9" Digger $325
- 3 Pt. Hookup Post Digger w/12" Digger $345

NEW MEYER'S 16 FT. 518 FORAGE BOX



10 YR. LIMITED WARRANTY ON ALUMINIZED STEEL SIDES, 3 BEATER/ROOF

Mounted on EZ Trail
10 Ton Gear w/11Lx15 Tires

COMPLETE UNIT $5,390

REAP THE BENEFITS

Yield Trak Monitors four basic functions ground speed, acres harvested, bushels per acre and total bushels harvested The bushels per acre function is divided into two counters with independent resets so you can pinpoint yields with each tank-full or measure an entire field

Yield Trak provides the information you need at harvest to operate at maximum efficiency and make the best possible decisions for next season's crop

- Record exact number of acres harvested
- Increase productivity through accurate monitoring of ground speed
- Establish yield records for each field or soil type
- Assess the effects of weeds or insects on yields
- Determine next year's fertilizer and chemical requirements
- Measure yields from test plots to determine best performing varieties
- Establish a more accurate grain inventory
- Load truck within legal limits

Yield Trak can be used with any make or model of combine and calibrated to accurately measure corn soybeans wheat and other small grains Whether you run your own farm or do custom combining efficient operation is more essential than ever Yield Trak eliminates the guess work that can cost you time and money

Low Cost-Easy-to-Use

Accurate yield measurement with each tank unloaded.

THE HEAVY DUTY GRAIN MOWERS ARE HERE!

SPEED KING

FACTORY DIRECT PRICES
Buy From Us!

We Stock Heavy Duty
SPEED KING GRAIN AUGERS

We Are Your Dealer w/Special Prices!

Setup, Ready To Tow Away!
SAVE BY BUYING NOW-In Stock

SPEED KING TRANSPORT PTO GRAIN AUGERS

- 8"x46'
- 8"x53'
- 10"x51'
- 10"x61'
- 10"x71'

THE QUALITY IS HERE

Come And Get Your Grain Mower Now!

PTO DRIVE WITH DOWNSPOUTS AND HOPPERS

KUHN PTO HAY RAKES & TEDDERS

- Model 452T, 17' Tedder $2,375
- Model GA300G 3 Pt., 10'6" Rake $1,675
- Model GA402 3 Pt. 13' Rake $2,095
- Model GF440T Pull 13' Tedder $1,975

KUHN MODEL 285 GMD 66 HD
3 PT., 7'10" CUT MULTI-DISK MOWER

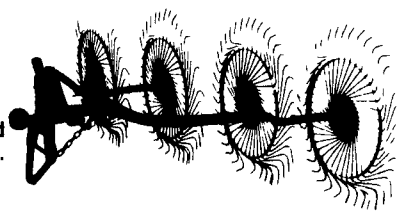
With its 6 discs and 2.4m (7'10") cutting width the GMD 66 is the largest model in the Multidisc Mower range

The dividing plate makes a clean break between cut and uncut crop while the swathboard brings the grass into a narrow fluffy swath when so desired.

NOW ONLY $3,450

IDEAL FOR HAY, STRAW AND MUCH MORE!

Special Offer On New
QUALITY BUILT RAKES



NOTICE: Rake your hay, straw and corn fodder with an inexpensive, 3 pt. Wheel Rake for only

$495.00

USED FREE-STANDING INDUSTRIAL FANS

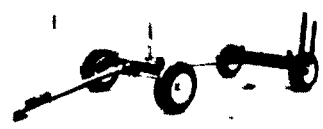
Approximately 24" To 27" Dia.

2 MODELS:

- Black Paint $65.00
- Brown Paint $75.00

While They Last!

NEW 8 TON WAGONS



- w/Adj. Quick Hitch, 8x15 Wheels $460
- w/6x15 Wheels $445

Tires & Setup Not Included In Prices

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CASE IH PARTS

Our Parts Dept. Employees Are Dedicated To Serving You At Our Location - Or Call Us Before 4:30 P.M. For Free Pickup At Their Homes, In The Following Areas: Millersville To Bowmansville, From Stevens To Cornwall, Millbach Springs, Bethel & Mt. Aetna.

In Addition, Our Sales People Cover A Wide Area & Are Also Available To Deliver Parts To You.

SERVICING YOU, OUR CUSTOMERS, IS OUR ULTIMATE GOAL AT BINKLEY & HURST BROS.

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Super A, 60" Mower
Ford 501 3 pt. Mower
NH 516 Spreader
IH Grain Drill
Herd 3 pt. Fert Spreader
NH 69 Baler w/Thrower
IH 37 Baler w/Thrower
Hesston PT10 Mower Conditioner
NH 469 Haybine, excellent
NH 469 Haybine
NH 25 Blower
Case 5B 16" Plow
JD 4x14 Mtd. Plow
NH 822 Corn Head
Brillion 24' Field Harrow
MF 124 Baler
MF 205 Combine
Gehl 600 For. Harv. w/2 Heads
Fox Blower
Badger 14' Fg. Box
Kasten 14' Forage Box
NH S23 Blower
Farm Hand Flail Tank Spreader

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New CL25 Skid Steer Loader w/Dsl. Engine
New TW 20 w/Cab, 4WD, Air
New 7710 w/Cab, Air
New 4610 SU
New 2810, 3910, 4610 SU
New 2110 & 1910, 4WD
New 1310, 1510, 1710
New 1210 4WD Hdro. Drive, Mid PTO

NEW HOLLAND
New L555 D Skid Loader
New NH 353 Grinder Mixer
New 34 & 38 Crop Choppers
New #8 Forage Box w/3rd Beater & Roof
Used 36 Crop Chopper
Used 270 Baler w/Thrower

NEW IDEA
New NI 406 Rake
Used NI 311 Gathering Unit w/314 Sheller Unit

OTHER EQUIPMENT
New Ford 133 High Clearance Chisel Plow
New Ford 208, 12½' Field Cultivator
Used Farmall 350 Utility
Used IH 430 Baler w/Thrower
New Glencoe 12'9" Finishing Harrow
New Glencoe Soil Saver Stretch 7 Shank
New Glencoe Soil Saver 5 Shank
New Amco Heavy Duty 12' Disc Harrow
Used IH 550 Harvester w/Windrow PU & 2R Corn Head
Amerind-McKissick Log Splitter w/engine, like new

FOR SALE

1984 IH 5100 Grain Drill, press wheels soybean equipped, $4,800
1984 AC 7 Shank Min-Till Chisel Plow with discs, $3,800
1983 Walsh 300 gallon, 3 pt. mounted sprayer, 28' boom, set up for side dressing corn, $1,500
1983 Snyder 1,500 gallon, poly tank w/pump on 10 ton electric wagon, $1,200
1983 Demco 500 Gal. Sprayer, 40' boom, dye marker, electric controls, tips, $2,100
Case 8' Rotary Hoe, pull type, $250
1982 JD 7000, 6 row Conservation corn planter, population monitor, many spare parts, $9,000
1977 AC 7040 Tractor, 2,450 hours, power shift, air, AM-FM, 20.8x38 tires, Dyno 145 hp., $14,400

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JD 420 Lawn & Garden Tractor w/Mower
JD 3020 Diesel, Side Console, $5,800
MF 65 Diesel, $2,000
JD 4020 Diesel, Side Console w/Cab, Dual Hydraulics, 18.4x34 Tires, Nice, $7,500

TILLAGE EQUIPMENT
JD KBA 36 Transport Disc, Nice
JD KBA 36 Pull Type Disc
Sarnam 7', 3 Pt. Pasture Renovator
Brillion 16' C SOLD cker, $600
Int. 510, 13 Disc w/Fertilizer Drill
JD BWA, SOLD sc, $500
JD 210, 13' Discs, $1,550
IH 510, 21 Disk Drill, $2,000
Oliver 4x16 Automatic Reset Plow, $1,650
Oliver 3x16 Automatic Reset Plow, $1,350

HAY EQUIPMENT
NH 472 7' Haybine, Sharp, $3,500
NH 469, 9' Haybine, $1,200
Hesston #10 Stackhand
NH 275 Baler w/Thrower, $1,500
NH 273 Baler w/Thrower, Nice, $2,200
JD 224-T w/30 Hydraulic Thrower, $1,800
Hesston 1090, 9' Haybine, $1,050
NH Super #78 Baler, $450
(4) NH 479 Haybines, $1,200 - $1,800
(3) NH 488 Haybines, $1,400 - $2,700
NH 315 Baler w/Thrower, Nice, $4,500
NH 56 Rake, $950
JD 1209, 9' Haybine
NH 259, 9' Rake With Dolly Wheel, SOLD $1,500
NI 752 Crimper
Hesston PT 7, 7' Haybine
NH 256 Rake, $1,250

FORAGE EQUIPMENT
NH 6' Open End Pickup, Fits 770 Harvester, Sharp, $975
Gehl #800 Harvester, Electric Controls w/6' Pickup Head
NH 718 Harvester, Power Sharpener, 1 Row Head
NI 270, 7' Cutditioner
Colby 2 Beater Wagon, High Flotation Tires
Int. 51, 2 Beater Wagon

MISCELLANEOUS
NH 352 Mixer, $1,000
NH 352 Mixer With Long Extension Aug SOLD $1,450
Schwartz Mixer Wagon With Scales, Needs Repair
JD Belly Mower, 950 or 1050 JD $575

Horning's Farm Machinery
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Case IH Model 1394 Demonstrator
$13,995
Complete
New Warranty

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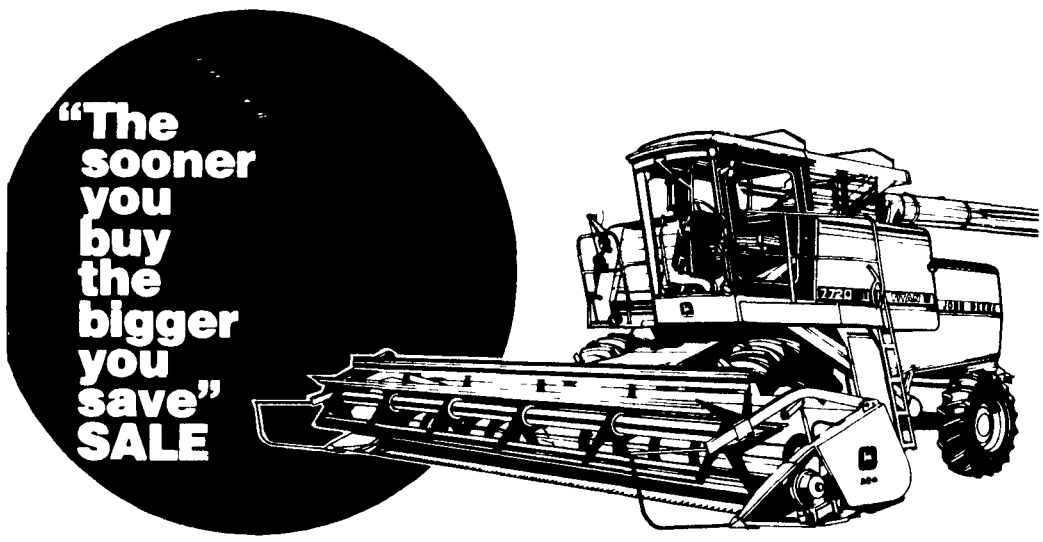

John Deere combine savings countdown

Buy your new John Deere combine now and you can save several ways. The sooner you buy the more you save. We've also got some great deals on used combines.

- Interest-free financing* until January 1, 1987, on new and used combines.
- Discount in lieu of finance waiver on new combines only.
- Special factory discounts on combines **and** headers passed on to you.
- Check us for details. Savings vary by model and year.

*Availability of John Deere financing subject to approval of credit These offers may be withdrawn at any time

See us right away-the sooner the better

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QUALITY USED EQUIPMENT

COMBINES
- MF 510 16' Cutterbar, 4 R Wide CH 1977, $7 500
- JD 7700 Factory Rear Drive
+ JD 7700 Hydro, Rotary Screen 15 ft Platform 1971
- JD 7700 15' Platform 1971
- JD 6600 Rotary Screen 2172 Hrs 14' Cutterbar 1974
- JD 7700 Gear Drive Rotary Screen 15' Cutterbar, 1975
- JD 7700 Gear Drive Rotary Screen, 16' Flex Head, 1976
- JD 8820 4wd 2550 Hrs 1980
+ JD 15' Rigid Platform
+ JD 643 CH 6 R Narrow Old Style
+ JD 643 CH 6 Row N New Style

TRACTORS
+ JD 4650 500 Hrs Duals Excellent Condition
+ JD 1250, MFWD
- 85 JD 2550 Cab & Air 41 Hrs Like New
- Ford 601 w/Loader
- 83 JD 4050 w/MFWD, Cab & Air 400 Hrs
- '72 JD 1520 Gas
- 74 IH 1066
- '69 JD 4020 PS
- 71 JD 4620 Cab Dual 20 8 Tires
- 73 JD 4430, Cab & Air, QR Dual 18 4x38
- 74 JD 2030 Dsl
- IH 1066 w/Duals
+ IH Farmall H w/Loader
+ Yanma SOLD HP Dsl w/Be lower
- IH 184 Low Boy w/60 Woods Mower
- IH M w/4R Front Cultivator
- JD 2440 Dsl w/145 Loader, 1980
+ Deutz DX110 Cab Air Sharp, 1980
- Deutz DX120 Cab, Air 1981 $12,500
+ JD 4010 Dsl WF

TILLAGE
+ JD F145 Semi mtd Plow 4 16
- JD 115 Disk 10 ft 2 in like new w/Harrow
- JD 210 Disk 14 ft 3 in w/Buster Bar
+ IH 18½ Field Cultivator
- Graber 26" Flex Fold Chisel Plow

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+ Oliver Drill 13x7
+ MF 43 Drill, 22x7
+ AC 330 4 R Planter
+ JD 1240 4 R Plate Planter
+ JD 1240 4 R Plateless w/Fert Planter
+ JD 1440 4 R No Til Planter
+ JD 7000 8RN No Till Liq Fert
- JD 7000 Front Fold No til Coulters, Liq Fert
- JD 7000 4RW Dry Fert No-Till, Insect & Monitor

MISC.
- JD 27 Flail Shredder
- JD 675 Skid Loader 85 Hrs
- JD 35 Harvester w/2RN or 2 RW Head
- JD Rotary Hoe 3 Pth
- Century Recycling Sprayer
+ JD 6½ Ft Rear Blade
- JD RM 630 Cultivator
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+ Midwest Buster Bar 14'
+ JD 346 Wire Tie Baler
+ AC 7' Pull Type Mower
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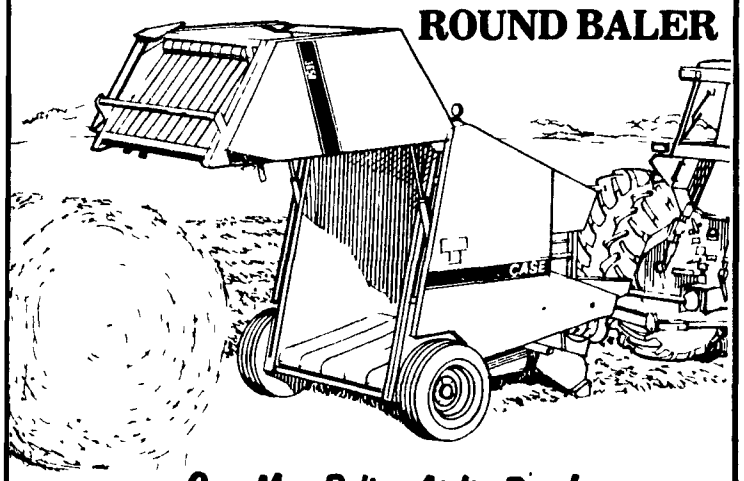

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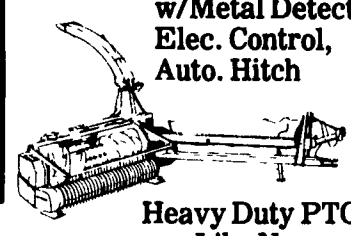

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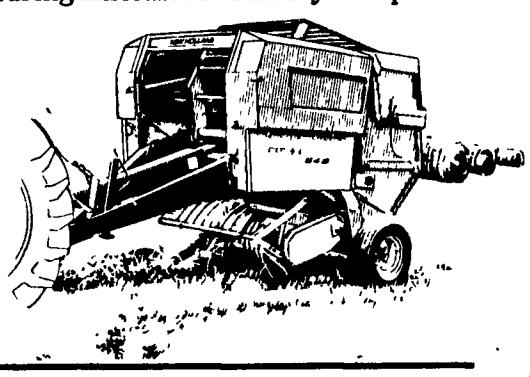

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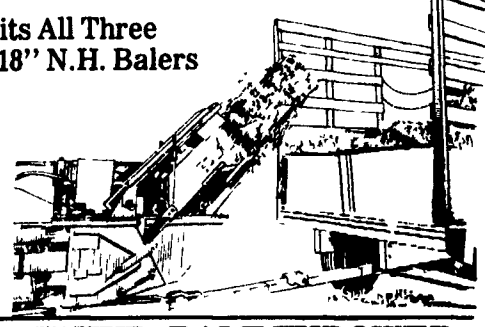

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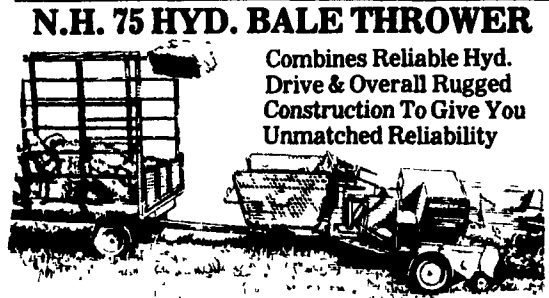

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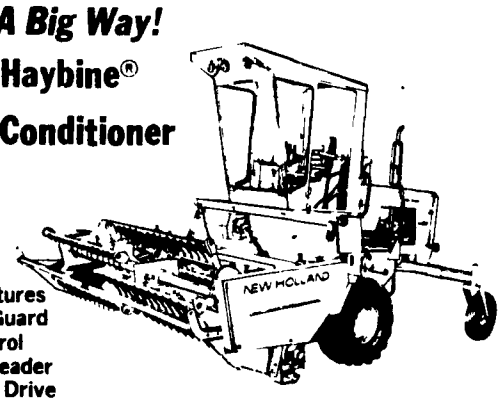

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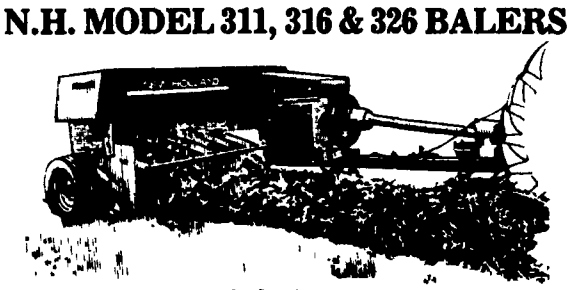

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AC WD w/2 btm. plow
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10' Pittsburgh disc
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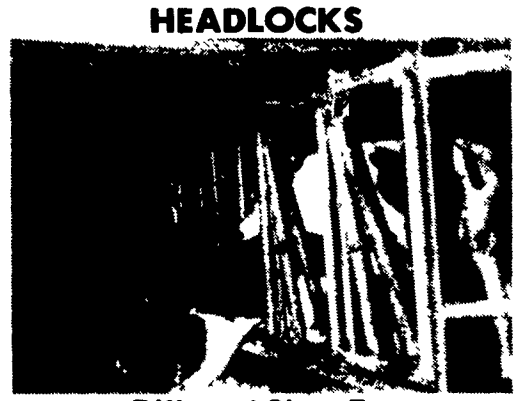

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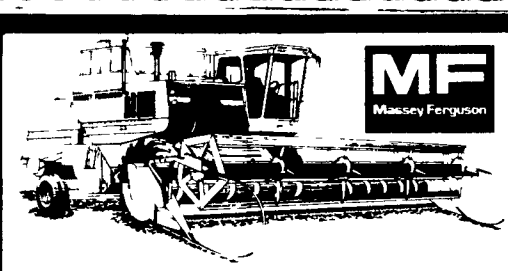

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1978 MF 750 Hydro	$22,000	1972 MF 510 Hydro	$12,000	1970 MF 300 Gas	$6,500
1976 MF 760 V8 Hydro.	$18,000	1972 MF 510 Gear	$9,000	1968 MF 510 Hydro	$9,500
1976 MF 760 Hydro	$19,000	1972 MF 300 Gas.	$6,500	1968 MF 510 Gear.	$8,000
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Have You Heard?

By Doris Thomas

Lancaster Extension Home Economist

Chlorine Bleach — More Than a Laundering Aid

Liquid chlorine bleach, the most widely used bleach in laundering, is also an effective cleaner and disinfectant for other household tasks.

Here are some ways to use bleach as a disinfectant in your home. Many stains will also be removed at the same time.

Dishes, glassware, bathroom tumbler (china, glass, ceramic, plastic) — Wash dishes, glassware and tumbler thoroughly. Then soak in a solution of 1 tablespoon of chlorine bleach to each gallon of hot water. Rinse and drain dry. Remove stubborn coffee and tea stains by using 3 tablespoons of bleach in a quart of hot water and soaking the pieces about 5 to 10 minutes. Rinse well.

Sinks, bathtubs, shower stalls, porcelain or tile surfaces — Use ¾ cup of chlorine bleach to each gallon of water to wipe surfaces. Rinse.

Food and water containers for pets — Make a solution of ¼ cup chlorine bleach to each gallon of hot water and scrub the containers. Rinse and let dry.

Garbage cans — Use a solution of ¾ cup chlorine bleach to each gallon of water to wash the inside of a garbage can. After cleaning, let the solution stand for about 5 minutes. Then rinse.

Flower pots and planter boxes — Wash and rinse flower pots and planter boxes thoroughly. Soak them in a solution of ¾ cup chlorine bleach to each gallon of water for about 5 minutes and rinse. This procedure prevents any transfer of mold or disease from old plants to new.

Bleach, like any cleaning product, needs to be used with care. Read carefully and follow manufacturer's directions. Always mix chlorine bleach with water when directed. Allow adequate ventilation when using. Apply any bleach solution with a synthetic sponge rather than a natural one. Avoid prolonged contact of bleach to metal, since discoloration or corrosion can occur. Do not use on silver or chipped enamel. Avoid mixing chlorine bleach with products containing ammonia or acids such as rust removers, toilet bowl cleaners and vinegar. Such mixtures can release hazardous gases.

Linen — An Old Favorite With New Style

Linen is making fashion headlines this summer. The fabric is a natural for hot weather since it readily absorbs moisture and dries quickly so that it is cool and comfortable to wear. And many designers consider linen's tendency to wrinkle a fashion asset. The relaxed and rumpled look of an all-linen garment simply adds to its appeal.

Designers are taking full advantage of linen's comfortable casual look. For women, the emphasis on warm-weather dressing starts with a linen jacket of simple unconstructed design that can be worn over a linen dress, pants or ankle-length skirt. Elegance is achieved by the character of linen — the uneven texture and crisp appearance.

For men, linen jeans are a number one fashion priority this summer along with linen jeans jackets, safari coats and sport suits.

Many of the summer's casual linens are machine washable and dryable. Before washing any linen garment, check the care label to make certain it is, indeed, machine washable. Generally, you can use a warm water setting for washing light colors, cold for bright or dark colors.

When drying, remove from the dryer or line while still damp. Ironing is still necessary, regardless of the accepted wrinkled look, and can be most easily accomplished when fibers are damp, rather than bone-dry. Use a high setting on the iron for heavy linens. The finer and handkerchief linens need a cooler iron. Iron linens on the wrong side first. If you wish to develop a sheen, particularly on light colors, then iron on the right side. Use a press cloth over seams and stitched details to avoid press markings. It is not necessary to iron linen until bone-dry. Simply iron out the wrinkles and hang the garment until dry.

Since linen is such a fashion staple this season, much in demand with a limited supply and high cost, finding the material in its pure form may be difficult. Linen blended with cotton, rayon, silk and/or polyester is common. These blends can improve wrinkle-resistance and, therefore, may be preferable to the wearer who prefers a more wrinkle-free look. Because blends and their care vary, check labels for refurbishing instructions.

Fabrics that look like linen are made from cotton, acetate, rayon or polyester. Combinations of these fibers are also available on the market. These fabrics are less expensive and more wrinkle-resistant than pure linen, but may not be as durable and crisp after repeated launderings. Since many of the combinations look and feel exactly like linen, check the garment label for fiber content and, again, for care instructions.

Cumberland County Council

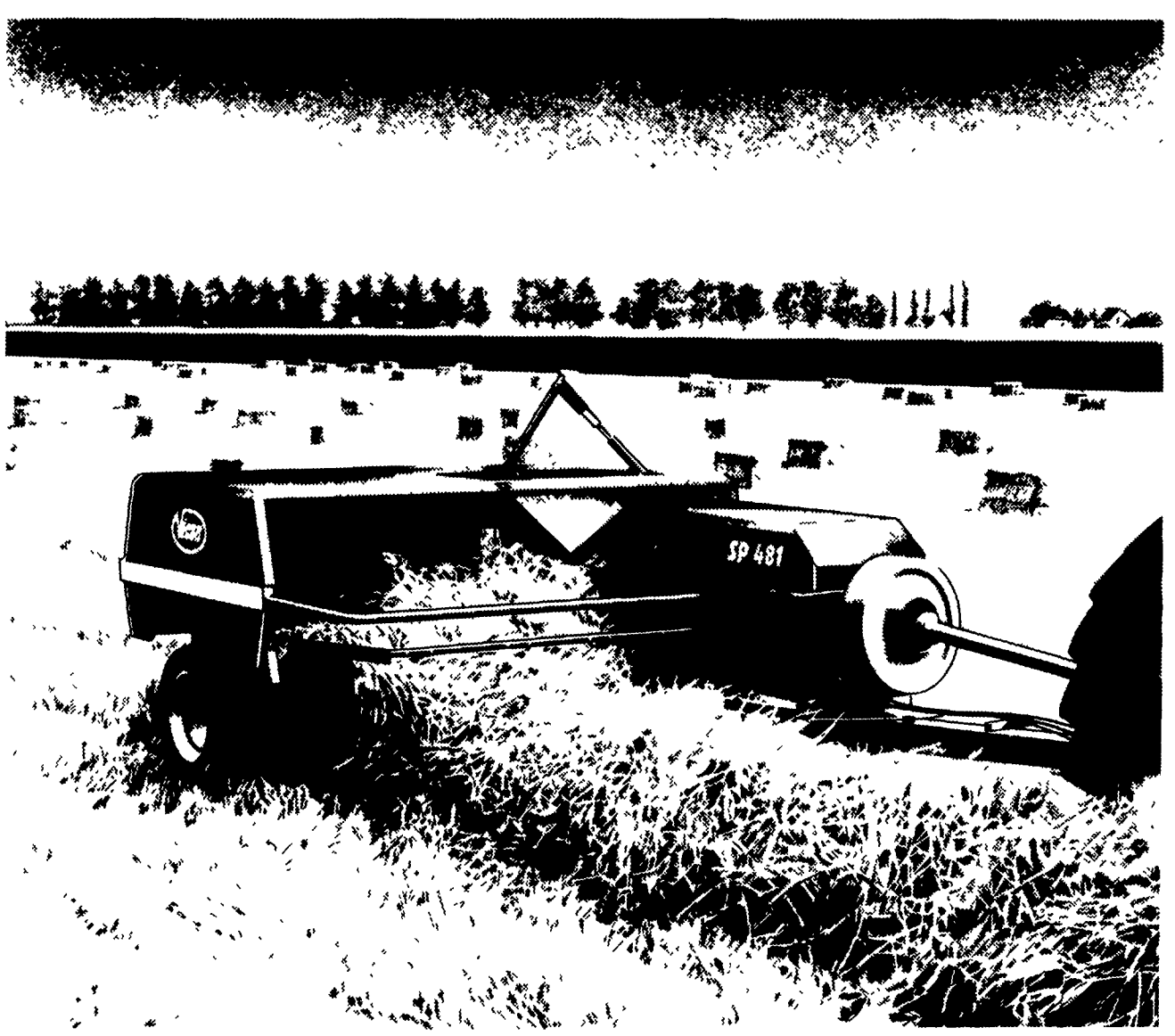
The May Cumberland County Council meeting was held May 27 at 7:30 p.m. in the Extension office.

Darlene Resh, who recently returned from Norway in the IFYE exchange program, was guest speaker.

4-H Day Camp will be held July 17. Contact the Extension office for further information.

Cookies are still available to sell.

The next meeting will be held July 14 when members will plan Expo and Family Day.



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HOOBER COMBINE SERVICE...

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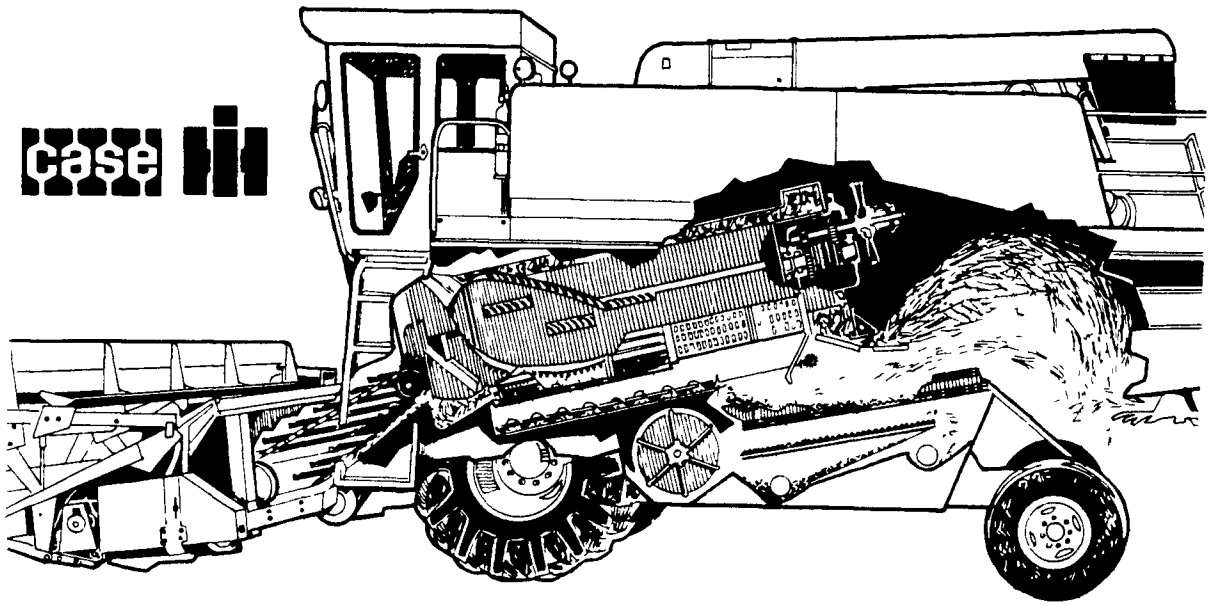

The one moving part in Axial-Flow's entire threshing/separating process is the single large-diameter rotor. Nothing more. No cylinder, beaters or straw walkers. There's far less that can break or need maintenance. That's Axial-Flow combine simplicity.

Axial-Flow helps bring top price at the elevator. It handles grain more gently. Less crackage and dockage. You'll combine higher moisture grain at faster ground speeds for a quicker harvest. That's Axial-Flow performance.

Axial-Flow Combines for every crop. Designed to harvest over 100 different crops including corn, soybeans, wheat, sorghum and others. All popular grain header sizes plus 4 to 8-row corn heads.

HOOBER COMBINE SERVICE SPECIALISTS KNOW COMBINES. For nine years Hoober's 3 combine mechanics have been working with Axial-Flow technologies. **A COMBINE BOUGHT FROM HOOBER IS BACKED BY PEOPLE WHO KNOW AND CARE.**

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USED TRACTORS

- IH F706 w/Fast Hitch, Gear, TA, 540-1000 PTO, 16.9x38 Tires (W1736)
- Versatile 160 4WD w/ Loader, Diesel, Hydro, AC, 540 PTO (W1364)
- Ford 7710 AWD, Diesel, Gear, 540 & 1000 PTO, AC, 10 Frt. Wts., 18.4x34 Tires (W1689)
- IH 966 Diesel, Gear, TA 18.4x38 Tires, 1000 & 540 PTO (W1439)
- Deutz DX-160 Diesel, Cab w/Air, 18.4x38 Duals (W9694)
- IH 4140 Gas Skid Loader w/60" Bucket (W1562)
- IH F460 Diesel Gear, 2 Point Hitch, 15.5x38 Tires, 540 RPM PTO (W1446)
- IH F1466D, Gear, 20.8x38 Tires, Dual PTO, Excellent Tractor (W9236)
- IH 6388 2+2, 4WD, Diesel, Gear, AC, 540 & 1000 PTO, 4 Hyd. Outlets, 18.4x38 Duals (W1681)
- IH F400, Gas, Gear, TA, 540 PTO, 13.6x38 Tires (W1629)
- IH F656, Wide Frt., Diesel, Gear, TA, 540 PTO, 15.5x38 Tires (W1317)
- John Deere 3020 Gas Tractor w/148 Loader 72" Bucket, 18.4x28 Tires, 540 & 1000 RPM PTO (W1534)
- IH Farmall A w/Cultivators, Rear Wheel Weights, 9x24 Tires (W1143)
- IH F1566, Diesel, Gear, Cab, w/AC, PTO, 20.8x38 Tires (W1423)
- Deere 4840D, Powershift, 20.8x38 Duals 1000 RPM PTO, Cab w/Air & Radio (W1180)
- IH F1066D, 18.4x38 8P, Dual PTO, Gear (W1316)
- IH F1256 w/Duals, Diesel, Gear, Cab, AC, PTO, 18.4x38 Tires (W1431)
- IH F1066, Diesel, Gear, 540 & 1000 PTO, 20.8x38 Tires (W1715)
- New Holland L778 Skid Loader, Hydrostatic, Gas (W9768)
- IH F1066D Hydro, 20.8x38 8 Ply Tires, Dual PTO (W1045)

USED TILLAGE

- IH 510 18x7 Grain Drill w/Fertilizer, DD Openers (V9905)
- Bush Hog 12' Disc, 9" Spacing
- Deere 110 Disc, 10'9" Spacing (T8034)
- Athens 131 Flex-Frame Disc, 14', 9½" Spacing (T1556)
- IH 470 18' Disc, Rear Mulchers, Tandem, Spacing 9" Frt. 7½" Rr., Size 16½" Frt. 17½ Rr., Cyl. & Hoses (T1699)
- Binkley-Wilbeck, 10' Offset w/RR Drag, Blades 21" Frt. & 23" RR, Cyl. & Hoses (T1347)
- JD 111 Disc, 10', 9" Spacing (T1602)
- Athens 83 10' Disc, Size 19" Frt. 21" Rr., Cyl. & Hoses (T1604)
- JD T0220 18' Flexwing, Tandem Spacing 9" Frt. & 9" Rr., Size 19½" Frt. & 20½" Rr., Cyl. & Hoses (T1694)
- Rhino FB90 Disc 24', Size 20" Frt. 21" Rr., 9" Spacing (T1714)
- Krause 1765 Rock-Flex, Heavy Duty Disc, 12'9" (T1508)
- IH 475 18' Flexwing, Tandem, Hyd. Lift, Size 19" Front, 19½" Rr., Cyl. & Hoses (T1586)
- Oliver 588 Plow 6F-20" Semi-Mount, Auto-Reset, (T1683)
- IH 55 Chisel, 3 Pt., 9 Shank (T1434)
- IH 700 Plow, 6F-16", Auto Reset (T1459)

USED GRAIN DRILLS

- Great Plains 12' Drill w/Pull Hitch (V1570)
- IH 620 Grain Press Drill, 21 Openers, 7" Spacing, (Ideal for Soybeans & Alfalfa) (V9302)
- Haybuster 1206 No-Til, 12', 6" Spacing, Fertilizer (V1462)
- Deere 8300 Grain Drill, 16 Double-Disc Openers, 10" Spacing, Press Wheels (U9922)

MISCELLANEOUS

- Walsh 200 Gal. Sprayer, 20" Spc, No Pump (V1046)
- FMC R10P200 Sprayer, Hose Reel (V9073)
- Myers 300 Gal. Sprayer, 300 Gal. Boom (V9143)
- Walsh 200G Sprayer, 24' Boom, 3 Pt., 200 Gal. (V9889)
- IH 540 Spreader 8.25x20 Ft. Tires (V9769)
- New Idea 522 9' 3 Pt. Cycle Bar Mower, 540 PTO (U1732)
- Woods C-80, 80" Mower, 540 PTO (U1735)

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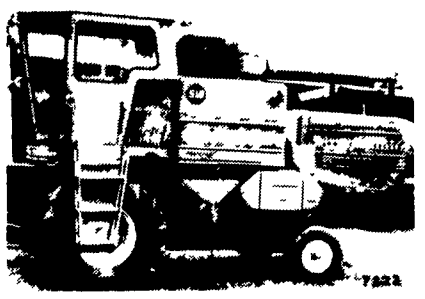
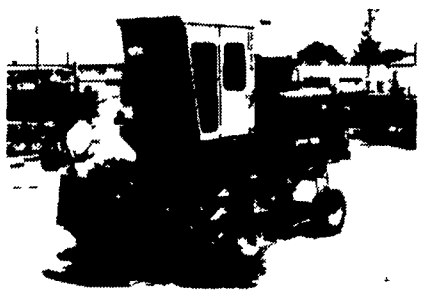
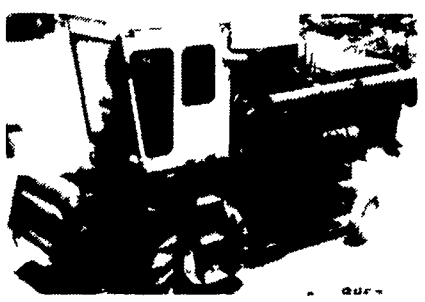


Massey Ferguson 510 Diesel, Hydro, 23.1x26 w/63 Cornhead & 13' Platform (U7222)

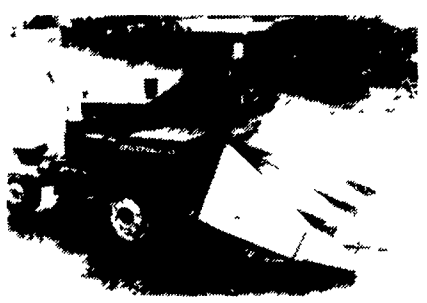


IH 715 Diesel, Hydro, 18.4x26, Monitor (U7818)

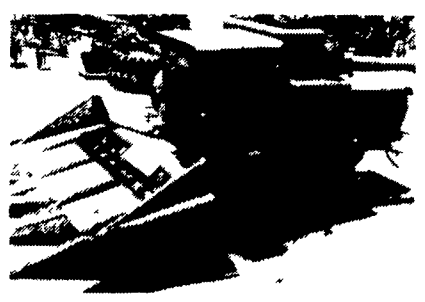
John Deere 4400 Diesel, 18.4x26, A/C, Straw Chopper (U9806)



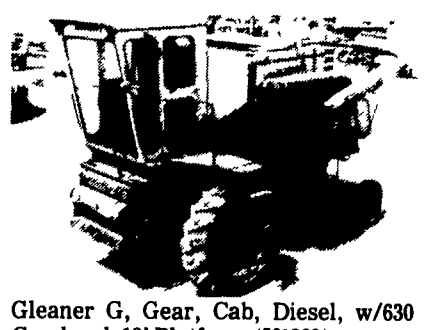
IH 715 Gas, Hydro, 18.4x26 10P, (U8457)



New Idea Uni-Harvester Model 705 Tractor, Diesel Model 767 Super-Chopper, Model 768 Wide/Narrow 3 Row Head (U1285)



MF 410, Diesel, Gear, 422 Cornhead, 12' Platform, 18.4x26 (U1412)



Gleaner G, Gear, Cab, Diesel, w/630 Cornhead, 13' Platform (U1369)

JD 7700 w/Straw Chopper, 24.5x32 Tires, Gear w/Variable Speed

USED COMBINES

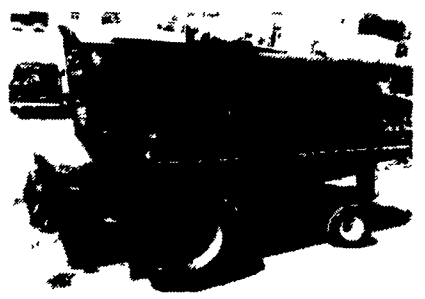
IH 1460, Hydro, AC, 30.5x32 Tires (U1468)

IH 1440, Hydro, AC, 23.1x26 Tires (U1432)

IH 715, Gas, Hydro, 18.4x26 Tires, (U8457)

IH 815 Hydro, Diesel, 23.1x26 Tires (U1362)

IH 205, Gas, Cab, 12" Header, 227 Cornhead (U1132)



IH 1460, Hydro, 24.5x32 Tires, A.C. (U9559)

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NH 276 Baler w/Thrower
NH 469 Haybine
NH 479 Haybine
Owatanna 217 Haybine, 9 Ft.
NI 290 Mowditioner

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NH 352
NH 353

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JD 465 Tank Spreader

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JD 2500 4-Bot. 18" Plow

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NI 324, 12 Roll Bed

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NH #28 Blower
Amco 12' Tandem Disk Harrow
Grimm 8' Tedder
Century 300 Gallon Sprayer
Deutz Allis 6080 All Wheel Drive Tractor (Special Price)
NH 326 Baler w/#70 Thrower
NH 258 Hyd. Drive Rake

USED EQUIPMENT

AC 5050 Tractor w/Loader
AC CA
Newfield 465 Tractor
NH 358 Grinder Mixer, Like New
NH 479 Haybine
NH 276 Baler w/Thrower
JD 336 Baler w/#30 Thrower
IH 46 Rake
Oliver 4-16" Semi-Mount Plow
AC B w/Cultivator
NH #30 Blower
IH 56 Blower
IH 51 Forage Wagon
AC Pitmanless 3 PTH Mower
Farmall 460 Dsl. Tractor

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JD 337 Baler
JD 716A Forage Wagon
JD 235 Disk Harrow, 17'1"
JD 215 Disk Harrow, 12'
JD 1600 Spring Reset 4 Bottom Plow
JD 8250 Grain Drill, 14x7
JD 2550, 4WD SG Body Tractor
NH 302 Slurry Spreader
JD 2950, 2WD Tractor
JD 4250, 2WD Tractor
NH L250 Skid Steer Loader
NH L455 Skid Steer Loader

USED EQUIPMENT

MF 760 Combine w/V8 Engine, 6RN, 17' Grain Platform
JD 4230 Tractor, new engine, PS, excellent condition
JD F145 Mol Board Plow, 5 Bottom Kubota L185 DT 4WD Tractor
(2) JD 7000 Conserv. Planter w/Monitor
JD 7000, 4 RW Corn Planter w/Dry Fert.
JD 6 Cyl. Gasoline Power Unit, Just Overhauled, $2,000
Century 6R Sprayer, 3 Pth
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IH 656 Tractor w/Loader
Ford 3400 w/Loader
AC 175 Tractor w/Loader
Cub LoBoy w/Implements
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NH 320 Baler w/70 Thrower
NH 462 Haybine
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(1) Used Badger 2250 gallon vacuum spreader tank
(1) Used 16' Badger forage box, tandem axle
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(1) New 3300 gallon Badger manure tank, large discount
(2) New 16' Badger tandem forage boxes
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(1) Diamond T 12 ton dump truck, 1967 model, good shape
(1) General trailer, 12 ton, excellent
(1) CL40 Ford skid loader w/manure scraper, 2 buckets & round bale spear
(1) 1976 Ford 250 Van for parts, good motor & trans., all parts available
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COMBINES

MF 35 w/8' grain head
Case 600 w/10' grain
MF 410 w/grain & 4R 30" corn
JD 6600 diesel, hydro, rotary screen
JD 6600 diesel, gear drive
JD 7700 diesel, hydro w/rigid grain head, $7,950.
JD 4400 diesel w/rigid grain head, $7,500.
JD 55 w/2R & grain, $2850
JD 45, late model w/3300 quick tach throat & grain, 2R corn, $5850.
(2) JD 45 squareback w/10' grain & 2R corn, $3875
2 JD 45 roundback w/10' grain & 2R corn, $2250
For JD 4400, 6600 & 7700 combines, we have 3 JD flex heads & rigid heads, 4R wide, 4R narrow, & 6R narrow, prices depend on heads, you pick.
IH 915 diesel, turbo, hydro w/grain & 4 or 6R head.
IH 715 duals, 4R & grain.
IH 403 hydro w/4R 30" & grain, $5500
2 IH 105 w/10' & 2R corn, $2500.
IH 93 w/10' grain, $2,000
IH 205, 10' flex & 2R, $3,000.
IH 80 pull types, auger feed w/PTO & bin, from $900 to $1600
MF 510 diesel quick tach w/grain, $5500.
MF 300 quick tach w/grain & 2R corn, $3875
We have 4R 30" & 4R 38", corn heads for MF 510 & 410.
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IH 1066 Dsl., cab, dual PTO, 3760 hrs. w/complete motor overhaul, rebuilt injector pump, new oil pump, will show bills, $9500.
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IH 1206 Diesel, WF & big rubber, $5775
Farmall C, real nice, $950
Ford 3000 Diesel
Farmall Super C w/hyd. & pulley $975
Massey 1080 D
IH 340 w/fast hitch
Ford 6000 Diesel $2475
Massey Pony Pacer w/1R cult. & 1 btm. plow $1485
AC D19 Diesel w/WF
Ferg. 30 w/3 pt.
Farmall 560 Diesel $2850
Ford 900, P/S, real clean
AC D17 Diesel snap coupler
IH B504 High Crop
Moline M5 3 pt. & PS

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AC D17
WD 45
WD
AC C or CA
Farmall C or Super C, 200 & 230
Ford 6000 WFE

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1&2 Rows Pull Type & mounted. Also, 50 for parts

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IH 830 w/2R 30" corn
IH #8 flail chopper
IH 720 w/2R, 30" & p.u. head, used 3 yrs., always kept in A-1 cond.
AC 720 2RN & pickup $750
JD 34 1R & pickup $875

SPREADERS

Case Ground drive, $350
IH 225 bushel, PTO, $500

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IH TD14 Crawler Loader, exc. undercarriage, $3850
IH 504 Utility w/3 pt. & live PTO, power steering w/IH 2000 loader
Farmall Super C $1,675
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Farmall M w/PS $1,850.
Farmall 200 w/fast hitch & live pump, $2,000.

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JD Rake
NH 56 Rake $950
NH 46 SOLD
NH 489 $3500
NH 474, 7', $3750
NH 256 Rake, $1250
Hesston 10' Hydro-swing, center pivot hitch, $2850.
NI Cut/ditioner, 7', $975.
IH Rake w/front dolley wheel, $785.
NH 477, 7', $2150

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Badger 3 btr. forage wagon w/roof
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500 Gal. Demco Trailer
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IH 350 w/Loader $1,700
AC B w/Attachments $1,200
MF 1105 w/Cab $12,500
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Oliver 1650 Diesel Overhauled ..... $ 5,500
AC D14 ..... $ 2,500
IH 1486 w/Duals $16,900
Long 450 Dsl $4,500
IHC w/Equip $1,900
JD A w/227 Picker ..... $ 1,400
JD 2940, 1275 hrs. $15,000
JD 2940, MFWD $17,500

COMBINES

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3R Corn Head for IH 205 Combine $1,000
68 JD 45 ..... $ 5,000
MF 300 Massey w/heads ..... $ 5,500

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(2) IH 400, 4R's ..... Starting at $ 1,500

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JD 336 Balers ..... $ 4,500

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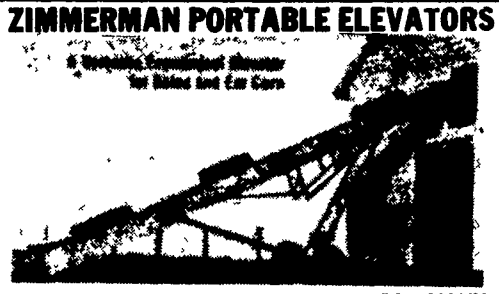

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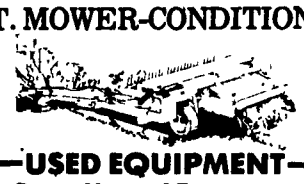
NEW HESSTON MODEL 1071
7 FT. MOWER-CONDITIONER



USED EQUIPMENT

- Hesston Rotary Mower, 6 Ft., Like New $800.00
- JD Rotary Mower, 5 Ft. $400.00
- NH 752 Crimper
- NH 456 Mower, Used
- Brillion Cultipacker 10 Ft. $350.00
- Int. 100 Balance Mower
- MC 7E Rotary Scythe $1250.00
- IH 1150 Grinder Mixer, 1000 RPM, Good $1400.00

USED TRACTORS

- White 2-60 Tractor w/Loader $5250.00
- Case 930 Comfort King 3 Pt. $3900.00
- IH 560 Gas, W.F. $2650.00
- AC XT190 Diesel $4600.00
- IH 806D $4850.00
- IH 656 Gas Tractor $3250.00
- AC D19 Gas $2600.00
- Int. 706 Gas $2100.00

AVCO VM Diesel

MILLER'S REPAIR
1 Mile North of Bird In Hand
8 Miles East of Lancaster
RD 1, Bird in Hand PA Ph 717 656 6109

SPECIAL-1 ONLY
NH 320 Baler
$10,250
Less Cash Disc. 400
$9,850
NEW HOLLAND
215/273-3131

USED TRACTORS

JD 4040 w/Cab
JD 3020
AC 6080
AC 7040
AC 7030
AC D21
AC 200 w/Cab
AC 160
IH 986
Case 1210 w/4WD & Loader
Case 730
AC 7045
AC 7045 w/4WD

USED COMBINES

AC M2 4 Row Head 15' Platform
AC F2
MF 300 13 ft. Platform & Cab
JD 6620 Side Hill 6 Row Corn Head, 15' Platform

USED PLOWS

White 6BT
Oliver 6BT
IH 5BT
JD 4BT
2 Chisel Plows
JD 3BT

PLANTERS

JD 7000 Conservation 8 Row
JD 494A 4R
AC 300 2R
Ford 2R
JD 8300 Grain Drill

SPECIAL SAVINGS ON ALL NEW & USED FARM EQUIPMENT PLUS FREE FINANCE UNTIL USE SEASON

UNIONTOWN FARM EQUIPMENT
Box 1030 Rt. 119N
Uniontown, PA 15401
Call 412-437-9851

NEW IDEA
case IH

TRACTORS

- Case 400
- Case 1030
- Case 1070
- Case 1490
- JD "A" Tractor
- White 2-105 Tractor
- David Brown 990 w/Loader
- David Brown 1210
- Ford Jubilee
- Ford Jubilee w/Loader

LOADERS

- Case 1816C Skid Loader
- Case 450 Crawler Dozer
- NH L425 Skid Loader

TILLAGE

- IH 3-16 Plows (2)
- IH 370 Disc, 10 Ft.
- Int. 2-Bot. Trailer Plow
- Case Disc Harrow, 10'
- Case Field Cultivator
- Oliver 22' Disk
- Oliver Disk
- 3 Pt. Disk
- JD KBA 9½ Ft. Disk
- Used Cultipacker

HARVESTING EQUIPMENT

- Hesston 2000-150 Harvester
- Hesston Harvester Head-3 Row Wide
- Case 600 Combine w/3-Row Head
- NI Unisystem, 702 Diesel, 710 Combine & 760 Harvester
- NI 709 Uni-System
- NI 326 Husker
- NI 315 Sheller
- NI 737 Husking Bed
- NI 838 Husking Bed
- NI 767 Super Chopper
- NI 323 1-Row Corn-picker
- NI 325 12 Row Husking Bed
- NH 717 Harvester
- Gehl 600 Snapper Head
- Gehl 800 Harvester
- Gehl 1200 Harvester w/pickup and 2-row cornhead

HAY EQUIPMENT

- IH 1190 Windrower
- NH 469 Windrower
- NH 479 Windrower
- Hesston PT 10
- Hesston 1014 Windrower, 14 Ft
- Hesston 1010 Windrower
- Hesston 1090 Windrower
- 2 Bale Thrower Wagons
- Case Hay Rake
- NI 456 Round Baler

MISCELLANEOUS

- Zimmerman 40 Ft Elevator
- King Wise 32' Elevator
- Int 56 4-Row Planter
- 4-Row Cole CCorn Planter
- 3-Row Cole Corn Planter
- 6 Used Spreaders
- Scavenger 1263 Manure Spreader
- Scavenger 1678 Manure Spreader
- NI 218 Spreader
- NI 224 Spreader
- Weaverline Cart, 24 Bushel
- Weaverline Cart, 30 Bushel

USED OSWALT STATIONARY MIXER WITH SCALES!

NEW SPECIALS
NEW IDEA
404
WHEEL RAKE
$1,250

HESSTON FARM EQUIPMENT

ZIMMERMAN'S FARM SERVICE
Bethel, PA
Phone 717-933-4114

-NEW Haybuster Equipment & Parts-
-Rental Drills Available in Bucks Co.

Central Bucks Farms

Box 257A RD 2
New Hope, PA 18938
215-598-7687 Greg

Certified Pella Soybean Seed
$8.00/50# Bag
100 Unit Min.

Bale Wire
$32
a Roll

- TRACTORS -

MF 2675 1 Owner, 600 Original Hrs. CAH $13,250
IH 1066 Fender Tractor, Sharp! ..... $ 8,800
NI 701 Uni Tractor ..... $ 850

- GRASSLAND EQUIPMENT -

JD 3800 Forage Harvester w/Electric Controls Pickup & Corn Head $4,300
IH Model 35 Hay Rakes wo/Dolly Wheels .. $1,350
Gehl Forage Wagon ..... $ 850

- USED PARTS -

-Minneapolis Moline-
Complete Engines, Trans., Rears Etc.
Individual Used Parts
MM Wts. Front & Rear
IH Wts. Front & Rear
10 Ton Extendable Wagon Tongues ... $ 25 ea.
White/Oliver 1600 Industrial Tractor Backhoe Parts Scrap Iron 1 Price Takes All
IH 710 16" Plow Bottom $250
(2) IH 250 lb. Rear Weights ..... $50 ea.

- BALERS -

JD 347 85' PTO Wire $8,300
JD 347 PTO Wire $4,500
NH 320 PTO Wire $4,500
NH 283 PTO Wire $3,600
NH 1282 Self Propelled Wire $2,800
JD 346 PTO Wire $1,650
McKee 4' Round Baler $5,000

- PLANTING EQUIPMENT -

Haybuster 1068 Very Good $2,900
Haybuster 107 New (Demo) $8,300
JD 17 row 71' Planter Fold Up $4,850
JD 8250 Grain Drill w/Press Wheels $3,500
MM P90 Grain Drill ..... $ 400
AC 5x30 No till Air Planter w/Liquid Fert., Monitor $3,300
JD 7000 6x30 No-Til Corn Planter $4,400
Haybuster 107, Used $6,800
JD Dry Fert. Boxes, Like New ..... $25 ea.

- COMBINING EQUIPMENT -

JD 7700 Turbo Hydro Combine C.A.H. Chopper 300 Hrs. $11,750
JD 215 Flex Head (Block Reel) ..... $ 2,500
JD Mud Hog System For JD Combine ... $ 3,500

- MISC. ITEMS -

8'x16' Raised Hog Confinement Shelter .. $ 990
10'x24' Raised Hog Confinement Shelter .. $1450
20 Telephone Poles ..... $ 8 ea.
NH ¼ Turn Bale Chute $100
3 Pt. Hitch Round Bale Mover $110

- USED TILLAGE -

JD 4 Bottom 16" Pull Type $550
Brillion 24' Hyd. Fold Cultimulcher $4,750
JD 220 Center Fold Disk $3,300
Hiniker Tine Bar Leveling Bar For Disc Harrows Etc. ..... $ 100
Side Winder 180" Rotary Tiller, Semi Mounted 1000 RPM, PTO ..... $ 150
JD 3 HP Rotary Tiller ..... $ 85

- TRUCKS -

Studebaker Truck w/Dump Body ..... $ 200
24' Alum. Dump Trailer, Tandem Axle $4,400
35' Flat Trailer Tandem Axle $600
40' Flat Trailer Tandem Axle $600
2 Utility Trailers, One 16' Single Axle, One 20' Tandem Axle ..... $750 & $900

- OTHER EQUIPMENT -

Haybuster 256 Bale Buster to Shred or Feed Round Bales $4,850
30' Paddle Type Elevator Transport ..... $ 950
McCurdy 300 Bushel Gravity Boxes (New) ..... $ 750
Donahue Equipment Trailer ..... $ 650
Grain Cleaner ..... $ 500
Hitch Mounted Grass Seeder ..... $ 175
2) 10' Snow Plows Angle Type ..... $ 250 ea.
2) V Type Snow Plows ..... $ 200 ea.
8'x8' Little Giant Corn Drag Like New ..... $ 275

- TIRES & WHEELS -

2) 18.4x38 Tires On Standard Rims ..... $ 400 Set
2) 18.4x38 Tires On 9 Hole Axle Duals ..... $ 500 set
2) Axle Mount Hubs for MM 1000 & 1050 Tractors ..... $ 300 set
2) 20.8x34 Tires On Spin Out Wheels ..... $ 350 Set
2) 20.8x34 Tires (Fair) ..... $ 50 ea.
2) 18.4x34 Tires On Rims ..... $ 500 Set
New 12.5Lx15 Implement Tires ..... $ 60 ea.
New 11Lx15 Implement Tires ..... $ 45 ea.
(2) 600x16 Front Tractor Tires On 6 Bolt Wheels, Like New ..... $35 ea

Many Other Misc. Wheels & Tires

WENGERS INC.

251 SOUTH RACE STREET, MYERSTOWN, PA 17067

TELEX 316290

PHONE: 717-866-2135

NIGHTS, PHONE: 717-866-7147 or 717-273-9089

JOHN DEERE TRACTORS

A Runs Good-Late Model	$1000
A w/Widefront	$1500
620-3 Pt.-PS-Runs Good	$2500
420 w/Mower-3 pt.-WF	$3400
301-Gas-As Received	$3800
1010-Gas-Cult.-RCP	$3900
730 Gas-Try-RCP	$3900
730 Diesel-Try-3 pt.	$3900
JD 301-WF-3 pt.-1971-RCP	$4800
JD 301 w/Mower-Clean	$4900
4020D-Diff.-1967-As Is	$5000
830-DE-2 Cyl.-Nice	$5500
3020 Gas-Console-WF	$5900
3020 Diesel-WF	$5900
5020-Cab	$6300
830-DE-2 Cyl.-Nice	$6500
2640 Orchard	$6900
4020-Very Nice-RCP	$7500
2440	$7900
3020 D-SC-PS-DIFF, WF	$7900
5020-Duals	$7900
4230-4 WD-Cab-Quad	$18,500
R-80-820-830 In Stock	Call

FORD TRACTORS

8N-Very Nice	$3400
4000-Utility-Gas-PS-RCP	$4900
5000-Diesel	$4900
8000	$4900
3400 w/ldr.-Forks-RCP	$4900
5000D	$5900
(3) 3000-Gas-PS-or Diesel	Each $5900
4400 w/ldr.	$5900
8000-1972	$6000
2000 w/Mower-CLEAN	$6500
6600D-Flat Deck-1976	$7700
3550 w/ldr.-RCP	$7900
8700-Dual Power	$8900
9700-ROPS-Duals-Wts.	$9800
420 w/ldr.-RCP	$9900
6500 w/ldr.-RCP	$11,500

FARMALL TRACTORS

H	$950
H-Fenders-Clean	$1500
Super A w/Cult.	$1900
404	$1900
(2) 560 Gas	Each $2400
Cub-Late Style	$2500
Super C w/Cult-Sharp-Sharp	$2600
100 w/Cult.	$2700
404 w/Mower	$2700
Super AV w/Cultivator-RCP	$2900
444-Diesel-WF-3 pt.-PS	$2900
560-D-WF-FH	$3500
350 Utility w/Rotary Mower-RCP	$3600
140 w/Woods Rotary Mower-RCP	$3900
424-Diesel-Utility-RCP	$4500
560D-Clean-Wide Front-FH	$4500
826	$4500
86 Hydro-Hi-Clear-Diesel	$4900
544 w/Ind. Rotary Mower-RCP	$5900
656D-Hydro-Clean	$6500
756-D-WF-Nice	$6500
574-Cab	$6700
784-Cab-3500 Hours-1978	$6900
684-Cab-1980-Nice-2300 Hrs.	$7000
886-ROPS-Bad TA-1976	$7900

OLIVER & WHITE TRACTORS

88-Wide Front-For Collector	$2000
Super 55	$2900
1950T-Needs Work	$3900
1955-As Received	$3900
1855-CAB	$5900
4-150 Duals, Cab, 3 pt. PTO-1977	$11,400

CASE TRACTORS

1070 w/Cab-As Is	$4500
970-Sharp	$6900
1070-Cab-Sharp	$8500
2670-Cab-Duals-3 pt.-PTO-RCP	$13,900
930 CK Standard	Coming In

MASSEY FERGUSON TRACTORS

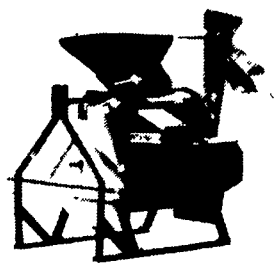
22 w/Loader	$2000
50 Gas-As Received	$2700
35 Diesel	$2700
35 Gas-As Received	$2700
65 Diesel	$2900
35 Gas-WF-3 pt.	$3400
2135 w/ldr.-Rough	$3500
40-Gas-Utility-3 pt.-RCP	$3900
65 Utility Diesel-Rebuilt Multi Power	$4400
35-Gas-RCP	$4500
1130-Diesel-WF-3 Pt.-RCP	$4500
(2) 50-GAS-RCP-Sharp	Choice $4800
65 Gas-PS-RCP	$4800
MF 165 Gas-WF-3 pt.-RCP	$4900
35 GAS-P.S.-RCP	$4900
165 Diesel-Multipower	$5400
(2) 1080D-1969 & 1972	Choice $5500
1105-Diesel-WF-3 pt.	$5900
150-Sharp-RCP	$5900
30 w/ldr.-As Received	$6900
(2) 40 B w/ldr.-RCP	Each $7900

IMT, LONG, KUBOTA, VALPADANA & DEUTZ TRACTORS

Long 460-1978-As Is	$2500
Kubota B6100-2WD	$3400
Kubota B7100 HST w/Mower	$4400
Kubota B7000-4WD-Rotovator	$4700
Kubota L185 w/Mower	$5600
Valpadana 20/26 4WD-NEW	$6474
Deutz DX90-Rollbar	$6900
Kubota L235-4WD	$6900
IMT 539-New	$6995
Kubota L275-4WD w/Mower	$8800
Valpadana 4033-4WD-NEW	$9461
Long 360 4 WD-New-Was $13,690	$9873
Long 460 4 WD-New-Was $15,373	$11,119

ALLIS CHALMERS TRACTORS

G-RCP	$1900
200-No Cab-Nice	$6400
185-Wts.-Very Nice	$8500
185 Cab-Air-1978-2200 Hours	$9900



NEW CORNSHELLERS 3 Pt. & Pull Type

- 3 Pt. Economy $795
- 3 Pt. Standard $1395
- 3 Pt. Deluxe $1695
- Pull Type ..... Add $100

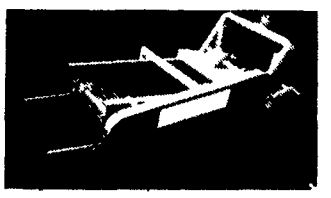
Pictured Is Standard Model

NEW 5 FT. 3 PT. ROTARY MOWERS

SPECIAL $449

40" to 84" Mowers In Stock
Both Pull-Type & 3 Pt.
At Good Prices

NEW 3 PT. 1 ROW P.T.O. POTATO DIGGERS



Complete w/P.T.O. Shaft, Side Cutters, Adj. Rubber Gauge Wheels.

Special **$1,495**

TRUCKS

1970 GMC Garbage Truck	$1500
1966 Chevy C60 Dump	$3900
1968 Diamond Reo 1 Axle Dump	$4500
1981 IH 1654 C&C	$11,500

SPREADERS

NH Tandem Axle-250 Bu.
JD R
NI 18
NH 365 Tank Spreader
IH Cub

FIELD CULTIVATORS

JD 18' 3 pt.
Glencoe 13' 3 pt.

POTATO EQUIP.

Iron Age 2X Planter
1 Row Planter
2 Row Digger
1 Row Digger-3 pt

DUALS

18.4x34 MF Axle
18.4x34 Snap On
20.8x38 Axle
18.4x34 Axle
18.4x38 Snap On
18.4x38 Ford Axle
20.8x38 Snap On

FORAGE WAGONS

Fox 625

CONSTRUCTION EQUIPMENT

NEW 1986 TRAILERS ON SPECIAL

- 2 Axle, 4 Ton, 14 Ft. **$1,495**

FORKLIFTS

4000 lb., Solid Tires, Side Shift	$1000
3 pt. Attach-NEW	$2500
Clark 4000 lb.	$2500
Datsun 9000 lb.	$3900
Oliver 55-RT	$4900
Clark 8000 lb -RT	$5900
White 4000 lb.	$6900
Ford 4000-RT	$6900
TCM-6000 Lb.	$7900
White 8000 Lb	$8900
Hyster 10 Ton-RT	$8900
MF 2200-21'-RT	$10,500
AC I600-21'	$12,500
Sanderson SB70	$16,500

DOZERS

Case 310	$3900
JD 1010	$6900
JD 350-6 Way	$7000
Cat D4D	$10,900
JD 450-6 Way	$11,500
JD 450-6 Way	$12,500
JD 450B-6 Way	$13,500
IH TD7C-6 Way	$14,500
Cat D4D-PS-Cab Ripper	$19,600
JD 350C 6 Way	Call
JD 350B-6 Way-Winch.	Call
IH TD15C	Coming In

MISC. CONSTRUCTION

(60) Used Hoe Buckets	From $100
(30) Loader Buckets	From $100
(30) Set Forklift Forks	From $300
Pull Type Grader	$900
JD 350 Winch Attach	$1900
Essick 3-5 Ton Roller	$2500
Knuckle Boom Log Loader Assy.	$3500
AC D Grader	$5800
Ditch Witch R65 w/Hoe	$8500
AC 700 w/Log Loader	$9500
Rex 3-50 Compactor	$39,500

TRAILERS

1986 2X 4 Ton	$1500
1986 3X 9 Ton	$4500
32' Gooseneck-3 Axle	$4700
1986-12 Ton	$5800
1977 44' Movall Drop Deck	$12,200
1977 Phelan 25 Ton Double Drop	$13,600

SKID STEER LOADERS

Case 1830	$4900
Melroe 721	$4900
Case 1737	$4900
Melroe 825	Coming In
Case 1845	Coming In

LOG SKIDDERS

Ford Log Hog	$3200
(2) Franklin	Each $4500
IHS7B	$7500
Franklin 132XL	$7500
JD 540 A	$12,500
JD 440C-1978	$19,800
JD 640	$25,900

BACKHOES

Linkbelt LS52	$3000
(2) Ford 4500	$5500
(3) IH 2500B	Each $7500
Ford 4500	$8500
Ford 5550	$13,500
(2) JD 410-Cab-Each	$15,000
Case 580F-Cab	$16,500
Ford 550-Cab	$17,600
(2) JD 410 Cab	Coming In
JD 310	Coming In
Case 580F-Cab	Coming In

RUBBER TIRED LOADERS

Hough H25	$1500
Trojan 264-GM	$7500
Michigan 75 Series 2	$10,000
Hough 65	$11,500
Fiat 745	$16,500
Cat 920-1978	$28,500
Ford A64	Call
JD 644B	Coming In
(2) Ford A62	Coming In

TRACTORS WITH LOADERS

MH 22	$2000
Case 420	$2500
MF 2135	$3500
Ford 3400	$4900
JD 600	$5900
Satoh Buck 4 WD	$5900
Ford 4400	$5900
(2) MF 30B	$6900
Ford 3550	$7900
(2) MF 40B	Each $7900
Ford 420	$9900
Ford 6500	$11,500
Valpadana 4033-4WD New	$11,995
Valpadana 4038-4WD NEW	$12,421

CRAWLER LOADERS

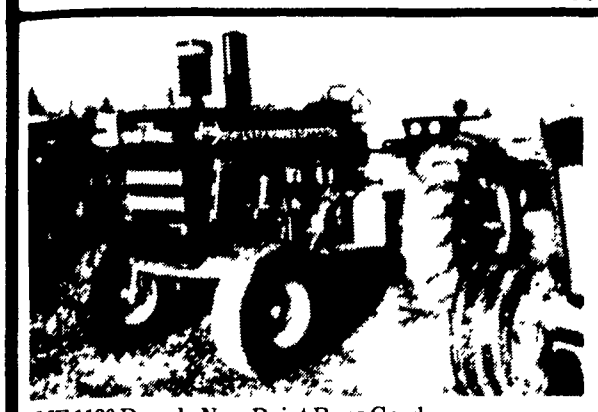
Oliver HG	$2500
JD 430	$4500
JD 1010	$4500
Case 1150 w/Ripper	$7500
JD 450	$9500
Cat 951A	$10,700
JD 450 w/Hoe	$14,500
Cat 951	$14,900
Case 850-Cab	$22,500
Cat 941-Cab	$23,500
Cat 941 w/4 in 1 bkt	$23,500
Cat 955K	$23,500
Cat 933F	Coming In
MF 400 Cab	Coming In
(2) Komatsu D55 Cab	Coming In
Cat 955K-Ripper-Cab	Coming In
(2) Cat 951-Cab	Coming In
Cat 955H-Cab	Coming In
Cat 941-Cab-Ripper	Coming In
(3) JD 450-Cab-Hoe	Coming In
JD 350-Cab-Ripper	Coming In

EXCELLENT SELECTION OF AFFORDABLE USED EQUIPMENT

WENGERS INC.

251 SOUTH RACE STREET, MYERSTOWN, PA 17067
PHONE: 717-866-2135
TELEX 316290
NIGHTS, PHONE: 717-866-7147 or 717-273-9089

1 MILE FROM LEBANON VALLEY AIRPORT



MF 1130 Diesel - New Paint Runs Good
ONLY $4,500

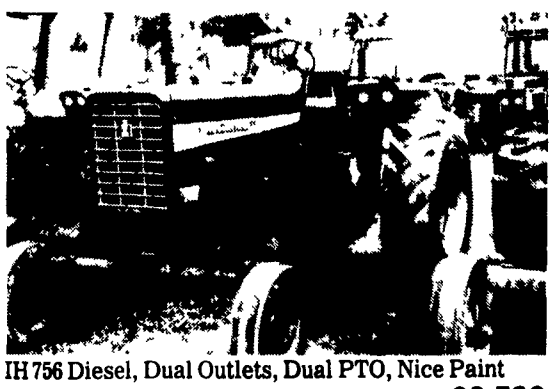
MF 1080 Diesel, Wide Front, Dual Remotes, 38" Rubber, Original Paint, One 1969, One 1972
Choice $5,500

JD 5020 - CAB - Runs Good
$6,300

1972 AC 200, P.S. Wheels, Wts., Dual Remotes, Runs Decent.
Very Reasonable $6,400

1977 White 4-150, Duals, Cab, 3 Pt., P.T.O., Dual Remotes, Good Operating Cond.
$11,400

1976 Ford 6600, 16.9x38 Rubber (80%), P.S. Wheels, Decent Condition, Frt. Wts.
$7,700



IH 756 Diesel, Dual Outlets, Dual PTO, Nice Paint
ONLY $6,500

Deutz DX90
PRICED TO SELL $6,900

IH 684, 1980, 2300 Hrs., TA,
$7,000

COMBINE SALE
All Combines Have Cabs

- JD 3300 D-R Screen-QT-Base $7420
- IH 615G-R Screen-QT-Base $5940
- White 7300 G-QT-Base $5870
- Gleaner K-R Screen-QT-Base $8610
- MF 300 G-QT-Base $4860
- MF 750D-QT-Base $9340
- Gleaner F Diesel w/Grain & 435 Corn $5980

CORN & GRAIN HEADS AVAILABLE

NEW EQUIPMENT SPECIALS

SITREX P.T.O. TEDDERS
2-Wheel Pull or 3 Pt
$995
4 Wheel-**$1795**

ROTARY MOWERS
40" 3 pt Heavy Duty $495
4' 3 pt Standard Duty $449
4' 3 pt Heavy Duty $495
5' 3 pt Standard Duty $449
5' 3 pt Heavy Duty $495
6' 3 pt Heavy Duty $695
7' 3 pt Heavy Duty $1395
4' pull Heavy Duty $595
5' pull Heavy Duty $695
6' pull Heavy Duty $895
7' pull Heavy Duty $1495
4' 3 pt Estate $1195
5' 3 pt Estate $1295
6' 3 pt Estate $1695

SICKLE BAR MOWERS
6' 3 pt pitmanless $1495

SCRAPER BLADES
6' 3 pt Heavy Duty $175
7' 3 pt Heavy Duty $195
8' 3 pt Monster Duty $695

CEMENT MIXERS
3 pt 9 cu ft. $495
3 pt 12 cu ft. $550
3 pt 20 cu ft. $695

STONE RAKES
6' 3 pt $495
7' 3 pt $550
8' 3 pt. $595

HAY TEDDERS
2 Wheel Pull PTO $995
2 Wheel 3 pt PTO. $995
4 Wheel Pull PTO $1795
4 Wheel 3 pt Ground $465

HAY RAKES
4 wheel 3 pt $465

WOODSAWS
3 pt PTO 30" $399

ROTOVATORS
34" 3 pt. $875
42" 3 pt. $875
60" 3 pt. $1275
66" 3 pt. $1375
72" 3 pt. $1475
82" 3 pt. $1975

LOADERS
3 pt snow & dirt bucket $695

SEEDERS
PA 100 3 pt $275
PA 150 ..... $275
PA 250 3 pt $285
PA 300 3 pt $295
PA 400 3 pt $395
PA 500 3 pt $450

LANDSCAPE BOXES
3 pt 5'6" $495
3 pt 6' $495
3 pt 7' $595

TRAILERS
1986 4 ton 14' $1495
1986 4 ton 16' $1595

POST HOLE DIGGER
3 pt 6", 9", 12", HD $495

CHISEL PLOWS
3 pt 9 tooth spring loaded $595

DIRT SCOOPS
3 pt Reversible $395

POTATO PLOWS
1 row 3 pt $95

DISC HARROW
5'6" 3 pt 18" Combo $495
6'6" 3 pt 18" Combo $495

SUBSOILERS
3 pt 1 shank HD $369

BALE MOVERS
3 pt 3 tine HD $379

FORKLIFTS
3 pt tilt cyl HD $2495

WAGONS
6 ton $450
8 ton loaded $550
10 ton loaded $625

CULTIVATORS
1 row 3 pt $149

BOOM POLES
H.D. 3 pt. $149

100 COMBINE CORNHEADS

LOADERS
Loader Off D.B 990
Ford Off 8N
Freeman Off 880 Brown
AC Off 1600
Souders Loaders
Case for 970 & Larger
IH for 300 Utility
IH 2250 Loader
IH 2050 Loader
JD 158
Loader Off 800 Ford
Ford 5000 Loader
IH 2000 Off 706

BALERS
Extra Throwers
JD 214 Wire Tie
NH 850 Round
NH 851 Round

ROLLBARS & CABS
IH 2 Post w/Roof
IH 806 Cab
Case 1070 Cab
AC 7000 Rollbar
JD 4020 Cab
DB 1200 Cab
(30) Combine Cabs
Case 990 Cab
AC 7030-7050-Cab
MM G1000 Vista Cab
Ford 5000 Rollbar
Ford 4000 Cab
Case 930 Cab
Ford 6600 Cab
JD 4320 Cab
Ford 9600 Cab

HAYBINES
NH 478-7'
Hesston 1070-7'

NEW IDEA UNI SYSTEM ATTACHMENTS
731 4x40 Cornheads
743N Cornhead
766 Pickup Head
Extra Grain Heads
728 4x30 Corn Head
760 Harvester
3x30 Harvester Head
705 Diesel Tractor
2x40 Harvester Head
QT Throat Assy

CORNPLANTERS
IH 2X Fast Hitch
Ford 6X Pull
JD 246 2x3 Pt
IH 56 - 2 Row
JD 290 2x Pull
Ford 2x3 pt.
MF 2x3 pt -NEW

SICKLE MOWERS
JD 9 3 pt
Ford 3 pt
IH Cub
IH FH
Sitrex 3 pt dynabalance

CULTIPACKERS
9'-12'

CULTIVATORS
AC D14-D15 2x
Ford 2x
JD 2x (H & 420)
JD RM6
JD 6x Frt Mtd
IH Cub & Super A, A
IH C-H-M 2x Frt
IH 461 Ftr Mtd 4x
IH 4x FH
IH 153 4x 3 pt
1x3 pt - New

HARVESTER HEAD SPECIALISTS
(75 In Stock)

CULTIMULCHERS
JD 930 - 12' 3 pt

PLOWS
AC 3xSC
JD (3 pts) - 2x-3x
JD (Semi) - 4x-5x-7x
JD (pull) - 2x-4x Reset
JD 1x Reset 2500 Attach
Oliver (3 pts) 2x-3x
Oliver (pull) 3x
White (semi, Reset) 4x-5x
IH 1x (FH & MTD)
IH 2x, 1 pt, FH & 3 pt
IH 3x 3 pt.
IH 4x pull
IH 4x Reset (On Land)
IH 550 5x (Semi)
IH 710 5x (Semi)
IH 710 6x (Semi)
Ford 2x (3 pts.)
MF 880 5x (Semi)
MF 2x Rollover
Oliver 4x3 pt
JD 5x Rollover
Oliver 3x Rollover
JD 3X Rollover
IH 3X Rollover
IH 4X Rollover

CHISEL PLOWS
JD 10' Pull
Landoll 10' Pull
5 Tooth V Chisel (3 pt)
Lely 12' Roterra
1 tooth 3 pt subsoiler
5'-8'-9'-10'-12' -14'-16' 3 pt

DISC'S
IH 10'-11'-13' Transports
JD Plowing Disc-10' & 12'
KK 6' 3 pt
IH 480 w/Wings-24'
IH Cub Disc
JD 10' RWA Transport
Bush Hog 16' w/Wings
JD KBA 8' pull

ROTARY MOWERS
JD 5' Pull
Modern 7' Pull
Ford 7' Pull
Woods C80 Pulltype
Woods 6' Offset, 3 pt
FMC 13' Pull Type
IH 50-4X stalk Chopper

MISC. EQUIP.
Spike Harrow
CORN DRAGS
IH Cub & 140 Attachments
Hesston 10W Mower
8' FH Blade
10' & 12' Lime Drills
IH Side Dressers
8' to 12' Spring Tooth Harrows
Tandem Axle Fert Spreader
Hesston 30 Mover
(3) Bale Wagons
(2) Hesston 10 Stackers
(2) Danuser PHD
Fox 660 Blower
IH 56 Blower
Gehl Grinder Mixer
(6) Cornpickers
(7) Harvesters
Transplanters
Hay Rakes
Cornshellers
Richardton 1400 Side Dump
Dual 5000 Side Dump
GT Side Dump
Papec Feed Mill

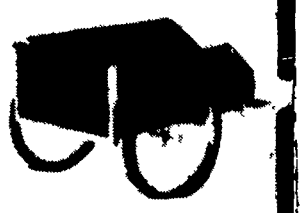
Tanks and Irrigation Supplies For Sale

Rotec Agri-Tanks 25-2250 gal. Vertical and Horizontals. Strong one-piece seamless polythylene, super sun and weather resistant. Factory to farm prices. Special this mo. 420 gal. pickup tank with large manhole on top $199.00. New 1000 gal. horizontal with molded base makes easy truck mount. Every tank has 3 yr. warranty. Some used tanks. Check our prices for pumps, hoses and fittings. Large stock of 6" irrigation pipe in stock. Sprinklers - guns - supplies.

FREY'S GARAGE
Chambersburg, PA 17201
717-264-3515
264-7492

FARM and GARDEN CARTS

Build your own carts Kit includes all metal hardware, bolts, wheels and instructions Not plywood All prices are post paid in U S A Penna non-farm use add 6% sales tax

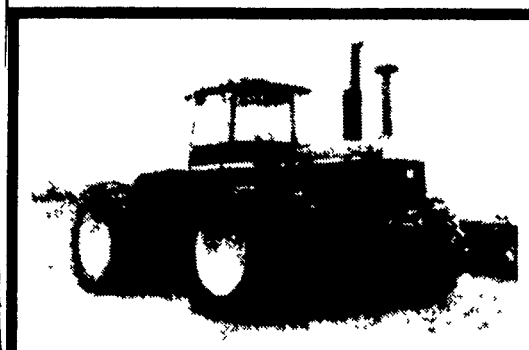


Big No 26 cart kit	$87.00
One set 26 wheels	$48.00
Med No 20 cart kit	$75.00
One set 20 wheels	$43.00

Big #26 Available w/Removable Front For $5 00 More

Medium No 20 Cart Completed $95.00
Big No 26 Cart Completed $122.00
At Our Location

Send Check w/Order to
Lawn and Garden Mfg.
Box 335 RD #2
Fivepointville Rd
Stevens, Pa 17578
(215) 445-5090



JOHN DEERE TRACTOR

$50,000

8640 Model, 600 hours, like new with all factory updates

Above equipment in like new condition
Price negotiable as package deal

301-822-2976

SPRING SALE

Special Of The Week
Rental Badger Blower
Guaranteed To Do The Job
$1,750
Try It - Then Buy It

Have You Considered Renting Or Leasing To Improve Your Cash Flow?

EQUIPMENT FOR SALE OR LEASE

BADGER
3,350 gal. liquid manure tank
1,500 gal. and 2,300 gal. vacuum tank
210 • 330 Bushel Manure Spreader
Ear Corn Roller Mill w/Blower
Pit Pump
Mower Conditioner
Weaverline Cart
Lagoon Pump
Lagoon Super Mixer
Forage Wagons
Forage Blowers
Bedding Chopper for Mulching
Handy High Pressure Washers
Oswalt Mix Wagons
Grain Drill with band seeder
Post Hole Digger

SHOW-EASE STALL CO.
573 Willow Rd , Lancaster, Pa.
Ph: 717-299-2536

SUPER SPECIALS OF THE WEEK

Deutz Allis Hay Equipment
Balers, Rakes, Tedders.
Call For Super Price

USED EQUIPMENT

MF 1110 Tractor
XT 190D AC Tractor, Real Nice
Used NI 737 Husking Bed attach.
NI 702 Uni Harvester With 717 Combine Head
NH Model 90 Bale Handler
AC 4 bottom SC plow
JD 6 Bottom Reset Plow
IH 400 Used Planter
Papec Harvester w/Both Heads
LKS Combine w/Grain And 630 Corn Head
AC N-5 Combine w/Grain and 630 Corn Head
AC C-II Combine

SPECIAL SALE
KUHN MOWERS RAKES AND TEDDERS

AC 333 4 Row Corn Planters w/Dry Fertilizer
No-Tills, Insecticide Units. Complete Plate Planter, One Only At $6,495

COMPARE OUR PRICES ON WOODS MOWERS

B. EQUIP. INC.

8422 Wayne Highway
Waynesboro, Pa. 17268
717-762-3193

DEUTZ ALLIS DEUTZ ALLIS

NEW IDEA Badger

USED EQUIPMENT

JD 7000 6 row narrow corn planter w/liquid fertilizer
JD 465 tank manure spreader
NH 256 hay rake
E-Z Flow fertilizer spreader
MF #33 grain drill
Badger 1005 mower conditioner
(3) Badger 16' forage wagons
(2) 110 IH forage wagons

NEW EQUIPMENT

Deutz Fahr hay tedders
Pequea hay tedders
NI 512 hydro steer mower conditioner
Bale King hay wagons

A Full Line Of Hay Equipment

FANCY FURROW FARMS AG EQUIP. INC.
R.D. 1 Uhler Rd., Easton, PA 18042
Phone 215-252-8828

S.G. Lewis & Son, Inc.
Agricultural & Industrial Supplies
352 N. Jennersville Road (Rt. 796)
West Grove, PA
215-869-9440 215-869-2214

NEW HOLLAND

Spring Specials On Equipment

Model 791 Manure Spreader w/Fluid End Gate, $7,200
Model 520 Spreader, $4,750
Model #38 Crop Chopper, $4,900
Model #8 Crop Carrier w/Extension Sides & NH #238 Wagon w/Long Adj. Tongue & Flotation Tires, $7,100
Model #463 Disk Mower, $3,200
Model #326 Baler w/NH #70 Thrower, Hydro, $10,000
NH 311 Baler, $6,999
NH 316 Baler, $8,600
NH 488 Haybine, $7,300
NH 489 Haybine, $8,200
NH 499 Haybine, $15,800

1. Free Finance Until November 1, 1987, for all new hay equipment, forage equipment.
2. Low Finance Rates on New New Holland equipment (except combines, which carry their own finance rate) Rates effective until June 30, 1986.
   - **0.0%** financing for 12 months with a monthly payment schedule
   - **5.9%** financing for 18 months with a monthly or quarterly payment schedule
   - **7.9%** financing for 24 months with a monthly, quarterly, or semi-annual payment schedule
   - **8.9%** financing for 36 months with a monthly, quarterly or semi-annual payment schedule
   - **9.9%** financing for 48 months with a monthly, quarterly or semi-annual payment schedule.

USED TRACTORS

New JD 2150
JD 4630 w/4 post roll guard
JD 4430, cab, air, quad range
JD 4230 Power Shift
JD 2510
JD 4320, cab & air
JD 2510 Gas
JD 820 Diesel
JD 4010
JD 4020 w/cab
JD 4440, cab & air, low hrs.
JD 3020 diesel, side console
JD 3020 gas
JD 3020 Diesel
JD 350 crawler loader, excellent condition
JD 310 backhoe loader
JD 400 diesel backhoe loader
IH 3500 backhoe loader
IH 986 cab & air
IH 1066
IH 806
IH 766 w/cab
IH 1486, cab & air
IH 806 diesel, excellent
Ford 7000
Ford 4 SOLD diesel
Ford 3400 w/Loader
Ford 3 SOLD /loader
Ford 555 w/loader & cab
Ford 335 w/loader
AC 210 diesel
AC 185, sharp
AC 200, like new
MF 205, 4WD
MF 20 w/loader
David Brown 1200
Kubota L30 SOLD diesel w/front wheel drive, like new

Int. 7000 Forklift 28' Lift
JD 380 D Forklift 14' Lift

USED PLOWS

Int. 5 btm. 16" spring reset plow
White 6 btm. 16" plow
Large selection of 3 to 7 btm. plows
Int. 3 btm. rollover plow

GRINDERS & MIXERS

IH 1150 $1,450.

USED COMBINES

444 JD corn heads
443 & 643 corn heads
JD 3300 combine
1975 JD 4400 diesel
Large selection of JD 2, 3, 4 & 6 row corn heads
JD 4400 gas, rotary screen

USED PLANTERS

JD 494A
JD 7000 4 row Dry fertilizer
JD 7000 6 row conservation, liquid
AC 6 r SOLD o till

Used Moore no-till grain drill

USED HARVESTERS

Fox 2 row snapper head
Fox Custom 90
NH Flail Chopper, like new

Gehl flail head, excellent condition

HAY EQUIPMENT

NH 472 haybine
NH 495 haybine
Gehl 1090 haybine
NH 31 SOLD rower
Gehl 1500 Round baler
NH 315 wire baler, nice
M-C 7' rotary sythe, used on 100 acres
Large selection of used rakes
NH 275 b SOLD kicker
NH 276 Ba SOLD ke new
NH 1032 Stacker Bale Wagon
NH 1037 Stacker Bale Wagon
NI 244 tandem spreader, like new

MISCELLANEOUS

JD 58 loader
Int. 510 grain drill
Large selection of smaller discs
Danco hydraulic rear unloading silage wagon on tandem running gear
Badger 16' Forage Wagon, 3 Beaters w/roof, tandem running gear
New Farmhand loaders for IH and JD tractors
NI 2 row narrow, 12 roll bed
NI 323 1 row picker
NI 2 row wide, 12 roll, $3,000.
Kewanee hydraulic fold 18' disc
1974 GMC w/new 16' grain body & hoist w/air brakes
Big V snow plow 12' wide

D & R EQUIPMENT INC.

Ringoes, New Jersey (201) 782-5082

TRACTORS

AC 7030	AC 7010D	AC XT190D	IH 806
AC 7060	AC 200	AC 180D	JD 2010
AC 7040D	AC 210	AC D19D	MF 65G
AC 7045D	Oliver Super 77	AC D14	Case 1490
AC 7050D	AC 655 Crawler	AC 5050D	JD 450 Crawler
AC 7020D	AC 7000D	AC 5040D	Oliver 1650D

Used Hay Wagons	Used N.H. 315 Baler With Thrower, Like New	Used Gehl Mower Conditioner

USED COMBINES (LIKE NEW)
A C Models. G-C-N-L-F
These Combines are in Excellent Condition

USED FORAGE HARVESTORS:
GEHL I.H., N.H.

NI 708 UNI-SYSTEM, HYDRO DRIVE w/717 COMBINE, CORNHEAD & GRAINHEAD

USED 4 & 6 ROW CORN PLANTERS

GRUMELLI FARM SERVICE

bobcat

Quarryville, Pa.
717-786-7318

DEUTZ ALLIS

Eckroth Bros. Farm Equipment

case IH

RD 2 Box 24A, New Ringgold, PA 17960
717-943-2131
7:30-5:30 Mon.-Fri. 7:30-4:00 Sat.

USED EQUIPMENT

USED TRACTORS

JD Model B w/Cultivators
Farmall H
Case 1270
Ford 9N
IH 684, Nice

NEW GEHL EQUIPMENT

960 Forage Box w/roof
1540 Forage Blower

USED COMBINES

Int. 1440 Combine
Int. 715 Diesel w/4 row narrow head, nice
MF 750 w/grain head
Int. 715, late model
1979 Int. 1460 rotary combine w/6 row corn head

USED EQUIPMENT

Int. 175 Manure Spreader
Int. 710 5 F Auto. Reset Plow
Int. #56 Blower
900 Badger Blower
NH #518 Manure Spreader
Ontario Hoe Drill
(2) IH 510 16x7 Comb. Grain Drill

G & D REPAIR

Quality is our game - Service is our Aim

JD 5020 New Engine
JD 2510 Gas
4430 w/Cab
3020 Gas
JD 4020
JD 4440 w/Cab & PS

We Are Now A Factory Authorized Kewanee Farm Equipment Dealer.

Check With Us For Your Tillage Needs.

1 New 18 Ft. Field Cultivators
1 New 12 Ft. Disk
1 New 18 Ft. Wing Disk
6 Ft. 3 Pt. Blade
8, 10 & 12 Ton Zimmerman Running Gears
Zimmerman Hay Tedders
8 Ft. 3 Pt. Blade
1 New Coulter Type Chisel Plow, 7 Tooth
1 New Tillage Saver
1 Used 12 Ft. Culti Mulcher

New Bale Wagons And Self Unloading Wagons.
Rugged Custruction - Reasonably Priced

RD 5 Penryn Rd., Manheim, Pa.
717/664-2207
Specializing in John Deere But Will Also Rebuild Other Makes
Reasonable Rates - All Work Guaranteed

GOOD USED FARM EQUIP.

NI Cut-ditioner, 9', Real Nice	$1,950
NH 1002 Bale Wagon	$3,500
18' Steel Hay Rack Wagon, zew	$1,450
JD 337 Baler, Baled 3,400 Bales	$6,500
Kewanee 15' rotohoe, 3 pt.	$550
NH 489 Haybine, Brand New, Never Used	$7,450
NH 480 Haybine	$3,200
[illegible], 3 Pt. Rotary Cutter, 6'	$750
Int. 990 Haybine, 9'	$1,200
NH 477 Haybine, 7', Nice	$2,600
NH #25 Blower, 540 RPM	$550
IH 370, 10' Transport Disk	$600
Pequea Hay Tedder, 7' PTO (New)	$1,275
(2) Hay Rack Wagons, 16' Like New.	$1,150 ea.

WILL TRADE
Can Deliver
717-933-8134

MANURE ROUND-UP

RUBBER SCRAPER

- TIME AND ENERGY SAVINGS UP TO 60%. TIME SAVING
- SAVES ON CONCRETE WEAR
- OUTLASTS BUCKET WEAR
- MADE FROM HEAVY INDUSTRIAL EARTH MOVER TIRES
- ACID RESISTING PAINT
- WIDTHS FROM 6 TO 8½ FEET LARGER WIDTH SPECIAL ORDER
- THREE DIFFERENT HOOK UPS BUCKET THREE POINT BOBCAT

3 POINT SCRAPER

BOBCAT SCRAPER

SALES INQUIRIES:
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RD 1 - Box 34
Washington Boro, PA 17582
717-285-3711

ENDLESS MOUNTAINS EQUIPMENT COMPANY

RD #2, Box 401, Troy, Penna. 16947
(717) 297-4246

Specializing In Manure Storage And Handling Equipment
Also Barn Equipment
Major Brands Including U.S. And Canadian

Mail In Coupon For Additional Information

Name _____
Address _____
City _____ State _____ Zip _____
Phone _____

SMITH'S IMPLEMENTS, INC.

Rt. 16 West of Mercersburg, PA
717-328-2244
717-328-2226

JOHN DEERE

NEW MACHINE SPECIALS

JD 4050, 4 Post, QR
JD 1219 Mower Conditioner

USED EQUIPMENT

MF 65 Tractor, Diesel, Very Clean
JD 3940 Harvester
JD 3960 Harvester
JD 216 Wagon w/1275 Running Gear
Case 1570 Tractor, very good condition Priced below Dealer's Cost
JD 7000, 6R Conservation, Loaded, Dry Fertilizer
JD 7000, 4R Planter w/Frame Mtd. Coulters
JD 7000 4 RN Corn Planter
JD 1240, 4R Planter, $750
JD 494A Planter, $500
IH 400 Cyclo 6R Planter w/Liq. Fert., Insect. Attach., Hyd. Markers, Monitor $3,000
IH 400 Cyclo 6R Planter w/Dry Fert., Insect. Attach., Hyd. Markers, Monitor, Hydraulic Driven, $3,000
JD 3B Hydraulic Reset Plow
JD BW Disk
JD AW Disk
JD 520 Sprayer

Ask about finance program on new & used equipment.

Late Season Special On Used Corn Planters
All Planters Reduced

LIQUIDATION NOTICE

Liquidating Surplus Engines

Offer #6185

We sold 50 units, but were able to buy 15 more Deutz F2L-511D diesel engines, 2-cylinder, 100 CID, set at 29.5 Hp/2300 RPM. 65 Ft/lbs. torque @ 2000 RPM. Permissable operating range: 1500-2800 RPM. '81 production. New Stock - never used. From dry storage in Texas. We test run and test fuel injectors. No Deutz warranty. 90 day (consecutive) parts warranty.

Spec No. D0251-015/02 engine includes: Operators manual, variable speed governor, fuel transfer pump, fuel supply & return connections. Equipped with oil cooled pistons and lube oil cooler. #320-1596 flywheel. Test run, break-in oil and (1) extra oil filter Other items as shown in photos Fan belts not included.

This engine is a proven workhorse - not a gutless mini-diesel. Direct fuel injection - easy starting - no glow plugs. Best fuel economy in the industry Not an orphan - parts and service available nationwide thru 500 distributors and dealers Current production model

Call or write for our extensive information package and list of engine completion options with prices.

Price Each **$1,750.00** F.O.B. our plant.
Size: 22L, 28H, 21W (in.) Wgt. 342 Lbs.

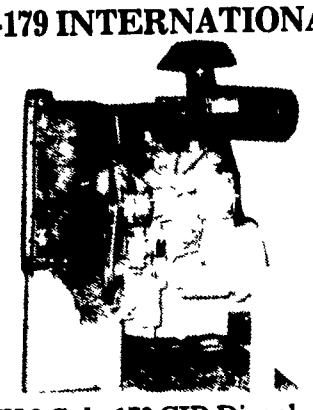
KHD DEUTZ

Serving Eastern and Western PA with retail, wholesale and O.E.M. sales

Stauffer Diesel Inc.

R.D. #3, Box 659B Pleasant Valley Road
Ephrata, PA 17522
(717) 738-2500

D-179 INTERNATIONAL



New-IH 3 Cyl., 179 CID Diesel Engine, Rated 45 HP Continuous, 53 HP Intermittent At 2400 RPM. Power Unit Equipped As Shown w/SAE 8 Flywheel, SAE #3 Housing & Heavy Duty Radiator. 90 Day Parts Warranty. **$2,795**

Stauffer Diesel Inc.
(717) 738-2500

H. SCHWARTZ & SONS, INC.

NOW SERVING THE STATE OF DELAWARE DIRECTLY FROM WILMINGTON!

PIPE

NEW USED and RECONDITIONED PIPE
STANDARD EXTRA & DOUBLE EXTRA HEAVY ALL SCHEDULES ALL TYPES FABRICATION THREADING CUTTING — WELDING

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WE — HESSTON CORPORATION

NEW EQUIPMENT SPECIALS

Bush Hog Soil Hog 15 Shank Flat Fold, 32" Shank $12,300
7 Shank Soil Hog ..... $ 5,200
Dion Forage Wagon, 3 Beater Roof, 10 Ton ..... $ 6,000

Kuhn Tedders-Most Models in Stock

NI 486 Round Baler ..... $ 9,800
M&W 1500 Round Baler ..... $ 9,350

HESSTON EQUIPMENT

Hesston Tractors 37HP-160HP ..... In Stock
1010 Hydro Swing ..... $ 7,500
1091, 9' Windrower ..... $ 6,000
1150, 12', 9' Rolls ..... $ 8,900
DP20 Baler Processor, DEMO ..... $ 6,900
2420, 12' Disk Harrow, 22" Blade, Spring Gang Hangers ..... $ 3,500
5530 Round Baler ..... $ 6,000
Forage Box, 3 Beater & Roof 10T Gear 12.5xL15 ..... $ 4,900

USED EQUIPMENT

NH 495, 12' Haybine $1,800
1983 White 2-105, 4WD, 540 Hrs.
Oliver 550 Gas
Kuhn 8' FC 250 Disk Conditioner
Kuhn GMD66 3 pt. Mower
Bush Hog 9' Rotary
Amco F15, 24' Wing Disk
White 281, 12' Offset

STOLTZFUS FARM SERVICE
Cochranville, PA
215-593-2407

SPECIAL OF THE WEEK
JD 510
Round Baler

USED EQUIPMENT

SPREADERS
NH 365 Tank Spreader
NH 791
NH 510
JD 40 Spreader
1257 Demo Hedlund Martin

HAY & FORAGE
JD 327 Like New
NH 268 w/Thrower
JD 38 & 35 Harvesters
JD 640 Rake
NH 880 Harvester w/Grass & 2 Row Corn Head
Hesston 5800 Round Baler

LOADERS
OMC 320 Skid Loader

bobcat

TRACTORS
JD 4000
JD 2520
JD 3020
JD 3010
JD 284
JD 620
Set of 34" Duals w/Bar Clamps
Set 36" Wheels

TILLAGE
JD 3 BT 14" Plow
JD KBA 9 Ft. Disk
Oliver 4 BT 16" Plow
Case 3 BT
JD 22 Ft. Wheel Harrow
JD 5BT 14" Plow

COMBINES
JD 6600
JD 7700

SPREADERS
JD 790 Spreader

NI 311 2 Row Pull Picker
NI 2 Row Mounted Picker
Walsh Sprayer

JOHN DEERE — New & Used John Deere Equipment — HEDLUND MARTIN

Lawn & Garden Equipment

CLUGSTON FARM EQUIPMENT
HCR80--Box 22
Needmore, Pa. 17238
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John Deere Sales & Service

USED JD 2940

1981, 1500 hrs. Dual Outlets, 18.4x34 Rear Tires, 1 Owner, Real Clean.
$14,000.00

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FORRESTER FARMS

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Sales - Parts - Service

Ford 8N
(3) Ford 2000
Ford 2910
(6) Ford 3000
Ford 3600 w/cab
Ford 3910
Ford 4000 1966
Ford 4000 1968
Ford 4100
Ford 4110
Ford SOLD SU
Ford 4610 4WD w/cab
(2) Ford 5000
Ford 6000
(2) Ford 6600 4WD
Ford 6610
Ford 7700
Ford 9700 cab DP
Ford TW15 w/cab & air
Ford TW20 cab & air
JD 2130
JD 2240 w/loader
(2) JD 4040 2WD
JD 4040S, 4WD w/cab
(2) JD 4240 2WD
(2) JD 4240 4WD cab & air
JD 4640 w/cab 4WD
Farmall H
Farmall M
IH Cub Cadet
IH 986
Wheel Horse w/Mower
MF 285
MF 1080 w/Cab

Special
MT 372 2WD 15 h p w/48" mower deck
$4,500

We are now your authorized Mitsubishi Dealer

We also have a large inventory of tractors at our other location at 4530 Olde Scotland Rd., ¼ mile off Exit 8 on 696 North.

¼ Mile East of Exit 6 I-81 on U.S. 30
Hours: 8:30-5:00 Mon.-Fri.
8:30 - 12:00 Saturdays

NEW EQUIPMENT

TRACTORS
JD 650, 2WD
JD 750 2WD & 4WD
JD 950, 2WD & 4WD
JD 4050 SG, QR
JD 4250 MFWD, SG, PS
JD 4450 MFWD SG, PS

OTHER EQUIPMENT
JD 1065, 1075 & 1275 Wagon
JD 716 Hay Fg. Wagon

COMBINES & HEADS
JD 4425 Combine
JD 643 Corn Head
JD 444 Corn Head
JD 213 Flex Platform

TILLAGE EQUIPMENT
JD 2800 5B Plow
JD 215 11'5" & 12'10" Disc
JD 1610 Chisel Plow
JD 712 Mulch Tiller, 13'

PLANTING EQUIP.
JD 7000 Cons. Pltr. 6R
JD 8200 21x7 Plain Drills
JD 71 Flex Planters

HAY TOOLS
JD 1219 Mower Conditioner
JD 430 Rd. Baler
JD 327 & 347 W Balers
NH 316 Baler
JD 660, 670 Rakes

USED EQUIPMENT
IH 1066 w/Cab
IH 464 w/Loader
AC 200 w/Cab
ACWD
JD 3300 Combine
JD 237 Picker
JD 16' Grain Platform
AC K2 Combine
Fox 3000 Fg. Harv.
Lely Roterra 13'6"
JD 346 W Baler w/Thrower

WAIVER OF INTEREST ON MANY ITEMS

JOHN DEERE

I.G. SALES
DeLAVAL JAMESWAY
Silverdale, PA 18962
215-257-5135
Quonset Buildings

DEPENDABLE MOTOR CO.

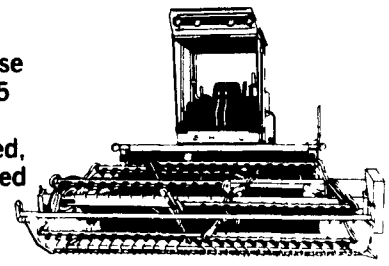
East Main St., Honey Brook, Pa. 215-273-3131-273-3737

NEW EQUIPMENT SPECIALS

NH #320 w/#70 Thrower $12,800
NH #256 Steel $2,345
NH #718 Harvester (Demo)
NH #28 Blower $2,915
NH #770W Pickup Head $1,925

Plus Big Cash Savings On All Equipment

1 ONLY Lease Model 1495 Haybine. Self-Propelled, Fully Equipped



Call for the best price in the valley. A fantastic deal.

All This Plus
0% Financing—12 mos
or
No Financing Til 9/86

NEW HOLLAND

PLUS MORE EQUIPMENT IN STOCK - CALL TODAY

- Waiver of Finance On All New & Used Hay Equipment Till September 1, 1986

OR

- Cash Rebates Up To $7400

OR

- 0% Financing - 12 Mos.
- 6.9% Financing - 18 Mos.

- Waiver of Finance On All New & Used Forage Equipment Till September 1, 1986

- 8.9% Financing - 24 Mos.
- 9.9% Financing - 36 Mos.

DEPENDABLE IS MORE THAN OUR NAME

Clugston Implement Inc.

Chambersburg, PA 17201

Special Sale
On Used Haybines & Mower Conditioners

Gehl Hydroswing 12' Mower Conditioner only 1 Yr. Old
JD 830 SP Mower Conditioner
NH 1469 SP Haybine
NH 495 Haybine
NH 489 Haybine
NH 479 Haybine
NH 469 Haybine
IH 1190 Mower Conditioner
Hesston 1014 & 1090 Mower Conditioners
Owatonna 235, 12' Hydroswing Mower Conditioner

USED JOHN DEERE
JD 4440 SG, PS
JD 4230 SG QR
JD 2640
JD 2940 w/MFWD & 260 Loader
JD 3020 Low Profile
JD 3010 Tractor
JD 300 Husker w/2 Heads
JD 6RN 7000 Planter w/Fill Auger & No-till
JD 6RN 7000 Planter w/Liq. Fert. & No-till
JD 2RN & 2 RW C.H.
JD 14T Baler
JD 336 Baler
JD 210 11'5" Disk w/Cushion
JD Transport Disc
JD 216 Fg. Wagon
JD 714 Fg. Wagon
JD 66 Blower

JD Lawn & Garden Eq. & Good Selection Of Used Lawn & Garden Tractors

USED NEW HOLLAND
NH 315 Baler w/Thrower
NH 273 Baler w/Thrower
NH 2R Snapper Head for Fg. Harv.
NH 26 & 30 Blowers
NH 329 & 518 Spreaders.

OTHER USED ITEMS
Case 1845 Dsl. Skid Loader
MF 175
Gehl 1600 Round Baler
NI 208, 214 & 245 Manure Spreaders
White 5400 6RN w/no-till
IH 440 Baler w/Thrower
Fox 3000 Harv. w/Heads
NH 450 7' Mower
Dion Fg. Blower
Dion Forage Wagon
NI 4R Double Frame No-till Corn Planter
Pittsburgh 9' Heavy Duty Transport Disk
Field Sprayers: 500 gal. Century; 200 gal.; 150 gal.

JOHN DEERE — NEW HOLLAND

I-81 Exit 8
3213 Black Gap Road
Chambersburg, PA 17201

717-263-4103
717-532-6951

bobcat

PARTS VALUE OF THE MONTH

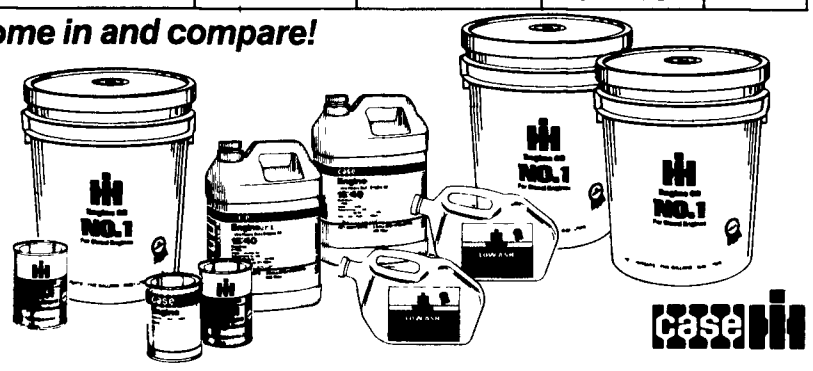
BUCKETS 'N BARRELS SALE

SAVE UP TO 20%

off regular J I Case suggested list prices on engine oils during our Buckets 'n Barrels Sale

Lubricant	Size	Regular Price	Sale Price	YOU SAVE
No. 1	5 Gal.	$31.75	$25.40	$6.35
No. 1	5 Qt.	$ 8.18	$ 6.54	$1.64
LOW ASH	5 Gal.	$32.35	$25.88	$6.47
LOW ASH	5 Qt.	$ 8.38	$ 6.70	$1.68
HY TRAN	5 Gal.	$30.70	$24.56	$6.14

Come in and compare!



★ We Ship UPS Daily! ★

USED EQUIPMENT

★ Extra Special Cash Allowance or Waiver Til 1/1/87 or 8.8% Financing on Most Used Equipment in Stock!

TRACTORS:
IH Farmall "C"
Farmall 450 Diesel
Farmall Super C w/Fast Hitch & Cult.
Farmall 400 Gas, Tricycle
Int. F12 w/cult., $650 - Runs
MF 65 Diesel Utility, Nice Shape
IH 240 w/Fast Hitch
Case 990
IH 154 Cub Lo Boy w/Mower — Mechanic's Special
IH 350 Utility

TILLAGE:
Brillion 10' Packer Mulcher — $1,150
Brillion Vibra Tine Trailing Field Cult., 16 Ft., Like New
Pittsburg 11'6" Disk
JD KBA Disk, 9' — $750
JD BWA 12' Disk
JD 1710A 12' Trailing Mulch-Tiller, Like New — $3,950
IH 37, 35 In Various Sizes
IH 550 5-Bottom Semi Mtd. Plow
Int. 360 20 ft. Trailing Field Harrow
IH 315 12'4 Packer Mulcher
Chattanooga 11' Packer w/Transport
1-Bot. Trailing Plow
Vicon 10' Power Harrow — Was ~~$2,500~~ — Now $1,150

IH PARTS COMBINES:
IH 315 Hydro & Plat.
IH 315 Gear & Plat.
IH 403 Gear, 4R Wide Hd. & 12 Ft. Plat.
IH 227 Cornhead

MATERIALS HANDLING:
IH 530 Spreader w/Endgate
Farmhand Loader for IH 74 or 84 Series Tractor
IH 2000 Loader, Less Bucket, Mount for IH 275

PLANTERS:
IH 56 4-Row Planter - Coming In!
IH 400 4-Row Cyclo Planter - Coming In!
IH 2-Row Fast Hitch
IH 455 4-Row
IH 658 6-Row Narrow Dry Fert.
4 & 6 Row Cyclos, Field Ready!
JD 1240 Plateless, Liq. Fert., 30" Rows w/DEMCO Squeeze Pump — Nice!
JD Van Brunt 13x7
JD FBB 17x7 DD

HAY & FORAGE:
Int. 56 Blower, Rebuilt
IH No. 51 Forage Wagon
NH 38 Flail Chopper
NH No. 26 Blower
(2) NH No. 27 Blowers (Whirl-a-Feed)
Gehl FBB 88 Blower
Gehl 99 Hi-Throw Blower, nice!
550 IH Chopper (Parts)
1014 Hesston Mower Cond.
NH 461 9 ft. Mower Cond., Good Cond.
NH 69 Baler w/o Thrower
IH 27 Baler - Real Nice
IH 420 Baler w/o Thrower
IH 430 Baler w/Thrower - $1,500!
(2) IH No. Bale Throwers
5026 Elec. Wheel, 8 ton Gears
IH Direct Cut Head For 15 or 16 Chopper
IH 781 Chopper w/2 Row Head - Like New
NI Stalk Shredder, 12'
Woods Model C114 Trailing Mower, Nice Shape
Woods RM90, 3 pt. Hitch, Finish Mower

OUTDOOR POWER EQUIP.
Cub Cadet 149 w/42" Mower
Cub Cadet 1282 w/42" Mower
Cub Cadet 108 w/Mower
Cub Cadet 106
Cub Cadet 105 w/mower
Cub Cadet 682 w/50" Mower
JD 210 w/Mower, Nice Shape
AC Big 10 w/Mower
Gravely Model 424, 10 Hp, w/Mower
Grasshopper 1620 w/Mower

COMBINES:
715 Diesel Hydro, Air Cond., w/13' Floating Cutter Bar and 744 Cornhead
AC FKS Diesel 4-Row Narrow Cornhead, 13' Platform, Nice Shape! — $17,500 Less 15% Cash Discount
810 13' Cutter Bar, Like New
IH 315 Hydro w/12' Platform, Field Ready, w/PU Wheel & Hyd. Lift
IH 227 Cornhead, fits 315, 205 or 203
IH 843 4-Row-Narrow Cornhead — $3,250
IH 844 4 Row Wide Cornhead, Real Nice!
IH 863 6-row Cornhead Real Nice!
NI No. 10 Picker, Fair Shape — $500

MISCELLANEOUS:
SIMMS Cab & Roll Bar Enclosure for 574 Series Tractor — $750
ARPS 3 pt. 78" Snowblower
Vicon 281 Mower Cond.-Extra Special Price! (New, Demo.)
Century 500 Gal. Trailing Sprayer
Walsh 300 Gal. Trailing Sprayer

See Us For All Your Equipment Needs

- Butler Livestock Systems
- DeLaval
- Roskamp Roller Mills
- Deutsch-Fahr Tedders
- Vicon Spreaders
- Myers Snow Equipment
- Farm Bilt Hay Wagons
- Sprayer Parts headquarters
- John Blue Sprayers
- FMC Bean
- Brouwer Turt Equip.
- Grasshopper Mowers
- Myers Forage Wagons
- Hedlund Martin
- Madison Silos
- Ag Chem Sprayers & Parts
- Northwestern Skid Loaders
- Woods Mowers, Blades & Backhoes
- Trailblazer Foam Markers
- Cub Cadet Lawn Equip.

Take Advantage of These Programs...

case IH

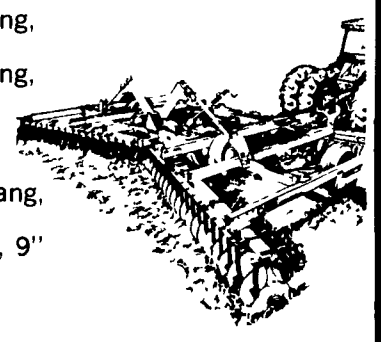
★ WAIVER TO MAY 1, 1987 or...
★ 5% FINANCING UP TO 60 MONTHS or...
★ PAY CASH FOR BIG REBATES!

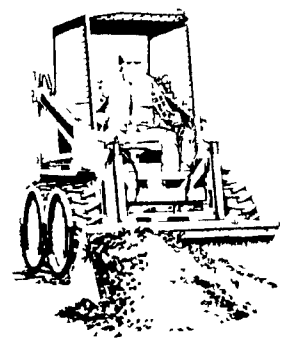
DISKS

Case IH 496 18x7 Cushion Gang, 7½" Spacing
Case IH 496 18x7 Regular Gang, 7½" Spacing

New Model — JUST IN...

Case IH 475 11'6, Cushion Gang, 7½" Spacing
Case IH 475 12', Cushion Gang, 9" Spacing





SKID LOADERS

1816 C In Stock!
1835 B Diesels — 2 In Stock!

Just Arrived...
585 Orchard Tractors
In Stock — 1 Left

Int 200 Series Tractors In Stock — All Models Available!
Case 3294 — 4WD — Extra, Extra Special Price (On Rental)
Case 2294 — 4WD — Extra, Extra Special Price
Case IH 1896 — 2WD — 2 In Stock — 1 w/Cab & Air, 1 w/4 Post Roll Bar
Case IH 1594 — 4WD — 4 Post ROPS w/Synchro Shift
Case IH 2096 — 2WD & 4WD
Case IH 2294 — 2WD
Case IH 685 Row Crop
Case IH 585 Row Crop w/Forward Reverse Trans Just Arrived
IH 4630 Vibra Shank Trailing Field Cult — 30 ft — Extra Special Price
IH 183 Vibra Shank 4 Row Cult — Set Up — Extra Special Price
Straw Chopper For 1420 Combine
IH 1620 Combine
IH 4623 Vibra Shank Trailing Field Cult 21' to 26 Demo
IH 540 Spreader, 170 Bu
IH 595 Spreader, 365 Bu
IH 530 & 560 Spreaders
IH 375 Tandem Axle 10 Ton Running Gear w/11Lx15 Tires Extendable Tongue
IH 1190 Mower Conditioner — Demo Model
Case IH 96 Hydraulic Rake
IH 415 13'2 Packer Mulcher
IH 415 10'1 Packer Mulcher
IH 181 Rotary Hoe
800 4 Row Air Planter
800 6 Row Air Planter — Demo
IH 1490 12 Ft Hydroswing
IH 428 Baler w/Thrower
IH 445 Baler w/Thrower
IH 3450 Big Round Baler
IH 20x6 Plain And Combination Drills
IH 24x6 Plain Drill
IH 18x7 Plain Drill

Summer Specials!

JAMESWAY VENTILATION EQUIPMENT IN STOCK
Limited Availability 50% OFF

Butler 115 Mix Box	$6,450
Vicon 281 Mower Cond. (Demo-1 Only)	$9,500
Trailblazer Foam Marker Kit (List $950)	$ 785
Century Dye Marker Kits - 3 Available At 10% Below Dealer Cost	$450 ea.

John Blue Saddle Tanks - 200 & 260 Gal. Available In Stock
John Blue 300 Gallon Trailer Sprayer
John Blue 500 Gallon Trailer Sprayer
John Blue 4-Row & 6-Row Tool Bars For Side Dressing - In Stock, Ready For Delivery — Only 2 Left!

ERB & HENRY EQUIP., INC.

case IH

New Berlinville, PA. 19545
Ph: (215) 367-2169
Daily 7-5:30; Sat. 7-3

AC CA Tractor w/ Cultivator
AC D17 Dsl. Tractor
AC D17 Gas Tractor
Farmall 300 Tractor
Farmall Cub w/1R Cultivator
OMC 450 Grinder Mixer
NI 214 & 218 Single Beater Spreader w/Hyd. Endgate
Case 10' Pull Type Pt Chisel Plow
NI 818 Combine
AC Gleaner E Combine w/10' Gr Head
AC 600, 4R Plate Type No-till Corn Planter

ROY H. BUCH INC.
Ephrata
717-859-2441

SHEETS BROS.
1061 Carlisle St.
Hanover, Penna.
717-632-3660

NH 320, 311, Balers
NH 488 & 489 Haybines
White 256 Disk
NH 353 Grinder Mixer
NH 30 & 40 Blowers
NH 851 Used Round Baler
NH 36 Used Harvester
Kuhn Tedder
OMC 342 Skid Loader
TE 20 w/Mower & Bucket
(2) NH 256 Rubber or Steel Rakes

RISSLER FORAGE MIXERS

5 Sizes Up To 230 Cu. Ft. Capacity

- Fast 2-3 Minute Mix Time
- Low Power Requirements
- Beam Or Dial Scales

Buy Direct & Save

We're In Business For The Farmer

I.H. RISSLER MFG. CO
Box 64, RD 3, Denver Rd
Denver, PA 17517
(215) 267-2453

Larry's Tool Outlet
American made name brand tools at savings to 80%
Open Thurs., Fri., Sat.
11 a.m. 8 p.m.
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Across from Adelphia Seafood
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After Hours 392-3392

SHULER EQUIPMENT SALES
RD #1 Box 228
Shuler Road
Shermansdale, Pa. 17090
717-582-4365 anytime
ACRES OF USED AND RECONDITIONED FARM EQUIPMENT AND TRACTORS
Also
ACRES OF USED EQUIPMENT AND TRACTOR PARTS
WE WILL BUY OR TRADE YOUR USED EQUIPMENT IN ANY CONDITION

Sales, Parts And Service For...
★ CASE UTILITY ★ GEHL ★ VICON ★ WFE
★ KUBOTA ★ HESSTON ★ SAME

TRACTORS:

Case 1190	$9,500	Case 1212	$7,900
IH 656 w/504 Ldr.	$5,200	Case 1410	$8,200
IH 656	$5,200	Case 65 Ldr. (Mtd. on 1410)	$1,800
IH 260 w/Ldr.	$10,625		
JD 4020	$9,500		

MOWER CONDITIONERS
(2) Hesston 1014 Hydroswings
Hesston 420 Self Propelled
Hesston 1[SOLD]indrower
(2) Case 555 Windrowers
Vicon KM 240 Windrower
Gehl 1080 Mower Conditioner
Hesston PT-10
OMC 232 Hydro Swing

TILLAGE
Case 4-Bot. Semi Mtd. Plow
Case 4-Bot. Mtd. Plow
Pittsburg 3 Pt. 8 Ft. Disk Harrow, Good Shape
JD 15' Disk – Good Shape

UTILITY
Case 580C Backhoe
Case 580C Extenda-hoe, Good Condition [SOLD]

HAY & FORAGE
(3) Gehl 99 Blowers
Gehl CB400 Harvester
(3) Gehl CB600 Harvesters with Assorted 2-Row Heads And Pickups
Gehl 640 Forage Wagon

MISCELLANEOUS
Owatonna 595 Round Baler
Vicon RP 1210 Round Baler
Gehl 4500[SOLD]teer Loader
Jacobsen 8 HP Tractor w/Mower
JD 3340 N[SOLD]Planter
Case 1845B Skid Loader Ex. Cond.
Several Square Balers In Stock

STOUFFER BROS. INC.
1066 Lincoln Way West, Chambersburg Pa
Phone 717-263-8424

NEW EQUIPMENT
WHITE-
2-88 Tractor w/Cab
508 4/5 Bot. Plow
598 5/6 Bot. Plow
5100 6-Row Planter w/Dry Fert.

KUHN-
10' 2 Pull Type Tedder
11' 6 Rake & Tedder
17' Pull Type Tedder

GEHL-
4510 Skid Steer Loader
BU960 For. Box
FB 1540 Blower
MC 2160 Mower Conditioner
RM 1460 Round Baler
DC 2330 Disc Mower Cond.

NEW IDEA

FARM EQUIPMENT
NEW IDEA-
353 Spreader
272 Cutditioner

USED EQUIPMENT
No. 702 Uni System w/Cornpicker
Woods 6 ft. Rotary Mower
Gehl 910 Forage Box
Gehl 2500 Skid Steer Loader

MILLER EQUIPMENT CO.
RD 1 Bechtelsville, PA
215-845-2911

CASE IH JUNE SPECIALS

	List	SALE
5100 18x7 Drill w/Soybean Special Press Wheels	$7,724	$5,400
1190 Mower Conditioner	$10,228	$8,400
881 Forage Harvester w/2 Row Head	$19,415	$14,900
7½ Ft. Hay Pickup	$3,940	$3,100
6 Ft. Hay Pickup	$2,770	$2,100
600 Blower	$4,090	$3,200
4500 11 Ft. 6" Vibra Shank	$3,265.25	$2,600

5% APR Financing
Or
Waiver

BIGGS INCORPORATED
34 Buckley Ave.
Rising Sun, Md.
301-658-5531

Massey-Ferguson 725/925 Haytenders

TWO GREAT WAYS TO SPEED BIG HAY JOBS

Get the jump on haying this year with one of these Massey Ferguson Haytenders The MF 725 with a 7 3 swath and the MF 925 with a 9 3 swath Both will mow and condition your hay without skipping or plugging

The unitized header and compact design help assure a smooth even cut by reduc ing bounce Drum reel is fully enclosed and features speed pitch and position adjust ments to keep the crop feeding in at an even pace The fluted steel top roll is posi tioned slightly forward to keep fluffy crops moving off the reel teeth A laminated rub ber bottom roll minimizes leaf loss

Add it up When you've got hay to tend there s no better way to get started than with a Massey-Ferguson Haytender Let us show you what we mean

N.H. FLICKER & SONS, INC.
Rt. 222
Maxatawny, Pa. 215-683-7252

Massey-Ferguson
Where farmers' ideas take root

NEW TRACTORS
244-Turf Tires
254-Turf Tires
284- Turf Tires
234- Turf Tires

NEW EQUIPMENT
335 Run[SOLD]ear 20,000 lbs.
IH 86 Rake
IH 15 Baler Thrower
King 5' 3 pt. disc harrow
1190 7' Mower Conditioner
1300 Mower

USED TRACTORS
Farmall H
Farmall C w/Equipment Cult., Plow, Snowblade, Mower, like new
Farmall BN w/mower
Farmall Cub fast hitch w/equip.
IH 120 Mower
1 Toro Golf Course Tractor
Set of Toro Gang Mowers

LAMB'S FARM MACHINERY
Thorndale, PA
Phone 215-269-2676

NEW HOLLAND

WE ARE IN THE BUSINESS TO SERVE YOU SINCE 1945!

JOHN DEERE

★ Tractors In Stock From 14½ to 105 Horsepower ★

SAVE HUNDREDS TO THOUSANDS ON THESE IN-STOCK TRACTORS—CALL TODAY
- JD 2750 MFWD
- JD 3150 MFWD
- JD 750 2 WD
- JD 4050 4 Post, Quad Range
- JD 950 4 WD

Farm Tractor Waiver of Finance Until Jan. 1, 1987

NEW EQUIPMENT SPECIALS

Kuhn GRS25 Tedder Rake
Kuhn G452T 17 Ft. Tedder
Woods Mowers- M-5 Dixie, Cadet 72, D80 Pull Type
JD 503 Mower, 5 Ft., 3 Pt. Hitch
JD 1219 9 Ft. Mower Cond. (1 only)
JD 1327 Disk Mower Cond., 9 Ft., (1 only)
JD 327 Balers w/40 Ejectors
JD 337 Balers w/30 Ejectors
NH 770W Hay Pickup, fits 770, 718, 782 Harvesters
One Only NH 256 Rake, Rubber Teeth
NH 451 Sickle Bar Mower, 7 Ft.
NH 258 Rake w/Rubber Teeth
Pequea Bale Bodies
5 to 12 Ton Wagon Gears in Stock
One Only Hardi Mini 80 Orchard Sprayer, 80 Gal., 3 Pt. Hitch, 540 PTO Diaphram Pump
Worksaver Pallet/Bale Forks, Universal Mount, 3,000 lb. Capacity
King KRC 38 Rotary Mower, 38", 3 Pt.
NH 311, 316, 326 Balers with or without Throwers
NH 472 and 489 Haybines
NH No. 80 Bale Mover, for Round Bales
JD & NH Manure Spreaders
Straw Chopper for JD 6620 Combine

BALER SPECIALS OF THE WEEK! **CHOICE AT:**
JD 327 w/40 Ejector
JD 337 w/30 Ejector
BOTH NEW!
$9,375 (F.O.B.)
• Waiver of Finance to 9/1/86

Used Tractors and Equipment

JD 4040, 1980 Model w/770 Hours, Power Shift, Very Nice
JD 2840 w/148 Loader, 1,000 Hours, Very Good
JD 2640 w/Hi-Lo, 15.5x38 Tires, Good
JD 1520 Row Crop, Gas, Runs Good
Farmall H
Farmall Super A—Restored, Runs Good
IH 710 6-Bottom Auto. Reset Plow
(2) 6600 Combines—Special Price —Your Choice!
NH 469 Haybine
NH 36 Flail Chopper
NH 770 Forage Harvester w/2 Row Narrow Head
NH 283, 271, 78 Balers
JD 894 Hay Rakes
JD 48 Loader For JD 3020
Sauder Bros. All Hyd. Loader
Gehl Hi Throw Forage Blower
Century 200 Gal. Pull Type Sprayer
Woods 80" Mowers, 3 pt. & Pull Type
Feeder House Assist Springs For 6600 Combine
8-Ton Fertilizer Box w/Kohler Engine, Hyd. Kit, like new —$2,800...At Owner's Farm

KERMIT K. KISTLER, INC.
Rt. 143, Lynnport, Pa. 18066 Phone 215-298-2011
Hours: Monday Thru Friday, 8 to 5; Sat. 8 to 12.

JOHN DEERE DESIGN, DEPENDABILITY AND DEALERS MAKE THE DIFFERENCE

CHECK THESE SPECIALS — CALL RIGHT AFTER 7 A.M. FOR INFORMATION & PRICE

A DIRECT PHONE LINE TO OUR PARTS DEPARTMENT

1-800-524-3276 (1-800-LBI-FARM)

—SERVING PENNSYLVANIA CUSTOMERS—

COME ON IN!

DEALIN' DAYS

WE'RE READY TO DEAL ON THIS EQUIPMENT

ON OUR LOT TODAY... ON YOUR FARM TOMORROW

JUST ANNOUNCED-
USED FARM TRACTORS
WAIVER TO OCT. 1, 1986
JDFP Finance Terms-Approved Credit

ROW CROP TRACTORS

JD 3020 Gas S/R	70HP	$ 5,500
JD 3010 Dsl ROM	55HP	$ 6,250
JD 2510 Gas, ROM S/R	50HP	$ 4,850
JD 620 Row Crop		$ 2,995
JD 40T w/Cultv		$ 1,895
CASE 1210 12-sp P/S, WFE	63HP	$ 4,995
WHITE 2-105 Dsl , WFE , dual remote, 18 4T	105HP	$ 7,995
OLIVER 1650 Gas, Hydra Power	66HP	$ 6,495
IHC 706D Dsl	72HP	$ 7,250
Farmall Super A w/Cult #3431		$ 2,650

UTILITY TRACTORS

JD 2640 RU Dsl	Roll Gard	70HP	$11,900
JD 2030 HU Dsl		60HP	$ 9,950
FORD 600			$ 2,995

USED FORAGE EQUIPMENT

JD 5400 SP Cab, power rear whl drive w/484 stalker head	$34,500
JD 5200 SP Cab w/3R 30" RC	$19,750
NH 1895 SP Cab, metal deflector w/4R 30" RC hay pick-up	$26,500
JD 35 PT, 2R 30", 5' Hay pick up	$ 3,950
JD 38 PT, 2R 38"	$ 1,350
JD 3R 38" RC (#3108)	$ 1,250
JD 3R 30" RC (#2312)	$ 2,750

USED COMBINES

NI 702 Uni, Dsl, Cab, 710 - 13' Plat	$6,500
MF 300 Gas, Cab-Air, 13' Plat, 3 RN Corn Head	$9,950
JD 7700 Cab-Air-Htr , Auto Header, Height Control	$18,900
JD 6600 Cab, Air-Htr , Auto H H C, 213 Flex Plat	$23,500
JD 6600 Side Hill, Cab, Air Htr , 215 Flex Plat	$30,450
JD 4420 Cab Air-Htr , 213 Flex Plat	$35,500
JD 6620 Side Hill, Cab Air-Htr , 215 Flex Plat	$57,500

USED GRAIN DRILLS

JD 8200 Plain 21x7 DDO, 22, GSA	$3,750
JD 8300 Plain 18x7 SDO, GSA	$2,695
JD FB Fert 13x7 SDO, GSA	$750

USED SPRAYERS

Walsh Trailer Sprayer	$650
JD 535 Trailer Sprayer	$1,195
Friend 3 Pt Sprayer	$895

USED FORAGE WAGONS

JD 716 A Hi Sides 3rd B Rear Unload 1275 Gear	$6,350
JD 716 A Hi Sides 3rd B 1275 Gear	$6,850
JD 716 A Hi Sides 3rd B, Roof, 1275 Gear	$7,250

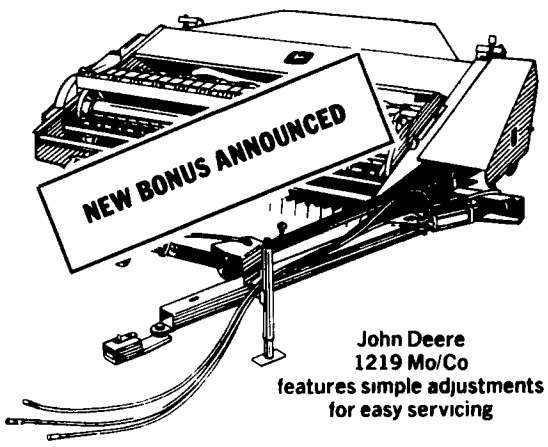
USED HAY EQUIPMENT

JD 346 Baler w/30 Ejector	$5,250
NI 270 Cut/Ditioner	$1,995
MF #41 3 Pt Sickel Bar Mower	$900

USED COMPACT UTILITY

JD 850 MFWD Bar Tires Roll Guard P Steering, DSCV	$8,295
MF 205 Dsl 16 HP w/216 Loader	$4,995
IHC Cub Lo Boy 154 w/60" Mower	$2,795
JD 365 Front Blade, Fits JD 650	$895
Woods RM90 3 pt Rotary Mower	$750
JD 1050 MFWD Turf PS w/Johnson Loader 100 Hrs	$12,125

EASY ADJUSTMENTS



John Deere 1219 Mo/Co features simple adjustments for easy servicing

Different hay crops have varying conditioning requirements That's why John Deere's 1219 Mower/Conditioner gives you the option of changing roll spacing and pressure in just a few minutes

When crop conditions call for it, simply change the roll spacing to as wide or as narrow as you want When more or less pressure is needed, just turn the adjusting bolt

Easy to adjust windrow forming shields let you build the type of windrow you want See the 9 foot 1219 Mo/Co that adapts to your haying conditions

New 1219 In Stock

WAIVER ON NEW JOHN DEERE TRACTORS To Jan 1, 1987

WAIVER ON NEW JOHN DEERE & USED COMBINES
To Jan. 1, 1987

WAIVER ON NEW JOHN DEERE CORN PLANTERS
To Jan. 1, 1987
1-7000 6 Row cons. planter in stock

WAIVER ON NEW JOHN DEERE & USED HAY AND FORAGE EQUIPMENT
To Sept. 1, 1986

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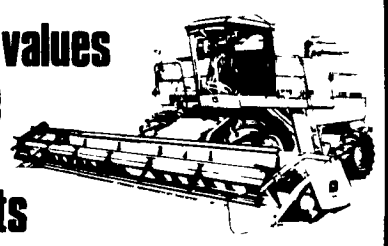
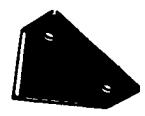
Harvest real values with genuine John Deere combine parts



PART NO. H75386
$4.50
45¢ SAVINGS

PART NO. H25603
$8.10
80¢ SAVINGS



KNIFE SECTIONS
PART NO. H84415
Chrome, Serrated
80¢ ea.

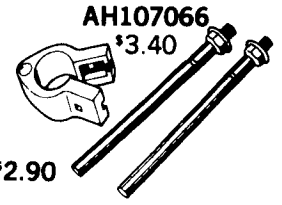
CHECK THESE PRICES

ROLLER CHAIN
American Made

$2.50 per foot
#60

Replace worn chain before you start planting Avoid frustration and lost time caused by chain breakage

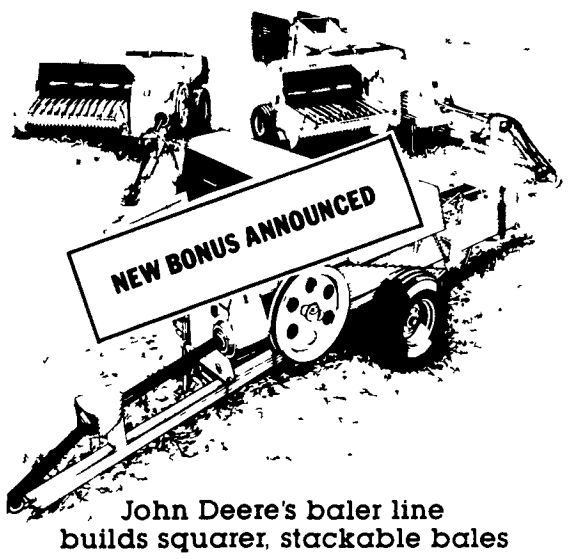
PLATFORM AUGER FINGERS
PART NO. AH107066



PART NO H102724

John Deere field tested fingers and bearings are surface hardened for shock resistance and long wear

SQUARER BALES



John Deere's baler line builds squarer, stackable bales

To build solid, square-cornered bales consistently, you need consistent control of the hay. And John Deere's 327, 337 and 347 Balers give that control from the moment hay touches the pickup

A wide pickup with extra teeth lets these balers take in all the hay in today's wider windrows There's even a compressor to keep the hay under control

A floating tapered auger and adjustable feeder forks take over to keep material flowing evenly The gear-driven knotter puts the finishing touch on these solid, stackable bales from John Deere

New Balers In Stock For Immediate Delivery

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Farmall Super M tractor
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JD 4630 Tractor w/Cab
JD 4440 Tractor w/Cab
JD 2840 Tractor
JD 2640 Tractor, w/Loader
JD 2640 Tractor
AC D14 Tractor
AC 5050 Tractor w/Loader
IHC 856 Tractor
Oliver 1650T Tractor
Ford 860 Tractor
Farmall 140 w/Cult.
JD 24T Bale w/30 Ejector
NI 708 Power Unit
JD 7000 4R Conv Planter w/Liq. Fert.
JD 7000 4R Conv. Planter w/Dry Fert.
JD 7700 Combine
JD 7700 Combine w/640 C.H. & Platform
JD 660 Rake
JD 1217 Mower Conditioner
JD 660 Rake
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Century 200 gal 3 pth weed sprayer 35 Boom
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White 543 4R Corn Planter
JD 5B 16" Plow
JD 3B 16" Plow
Ford 2 Row Cultivator
Hesston 1014 Windrower
MF 82 Combine
White 7300 Combine
White 7300 Dsl Combine
White 704 N Corn Head
White 15' Grain Head
Fox 728 2R Corn Head
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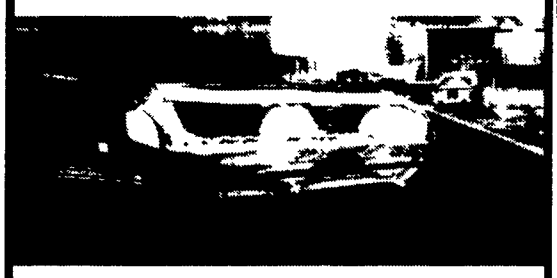
Used Equipment Sale



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Hay Buster 1068 No Til Grain Drill

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Dunham 8' & 10' Cultipackers. . Special Prices

USED EQUIPMENT

NH 268 Baler
NH 310 Baler
(2) NH 315 SS Baler Exc.
NH 276 SS Baler
NH 28 Blower
NH 717 N2 Corn Head
NH 478 Haybine
NH 258 Rake
Butler Oswalt 1830 Ensilmixer
Butler 280 Ensilmixer Stainless Steel Lined
Elect Controls for a 770 Harvester
IH 56 Blower
Case 4B Plow
NH 717 Harvester
NH 518 Spreader
NH 519 Spreader Hyd Endgate
NH 679 Spreader w/Hyd End Gate & Top Beater
NH 770 Harvester w/Electric Control, 2 Row Head and Corn Head.
NH 467 Haybine
JD 7000 Corn Planter 6 Row Narrow w/Monitor

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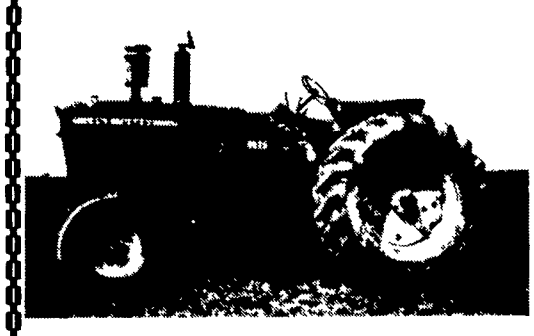

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WFE, Dual Hyd., New Radials, Local Tractor
$5,900

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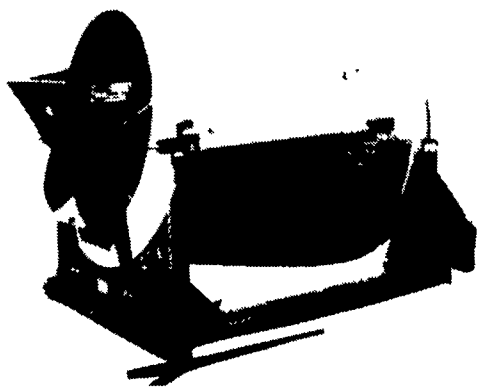

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IH 270A, 1979, Rops, Canopy, Needs Trans. Work, As Is. $9,500
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Case 580C, Rops, Cab, 18" Backhoe Bucket, 1979 ..... $19,000

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JD 350B Crawler Dozer, 6 Way Blade, Rops Canopy, Tag 1716, Completely Rebuilt. $18,000
JD 450C Crawler Dozer, 1980 6 Way Blade $26,000
JD 450C Crawler Dozer, 1981 6 Way Blade $31,000

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Bobcat 500, Propane Powered $2,000
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Bobcat 975 w/84" Bucket 122 Hrs., Tag. 7256. ..... $33,000

WHEEL LOADERS

JD 544B, 544C, 644A & Ford A64. ..... Call For Prices

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Ford 8N PTO & Loader Runs & Works $1,200

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Some farmers are saving as much as $16 per ton spreading their own lime!

- Spread it when you want it spread
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With today's prices you can't afford to waste fertilizer.

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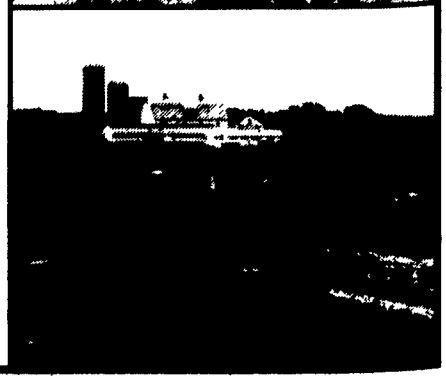

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COMBINES W/GOOD SELECTION OF HEADS

J.D. 6620 S.H., 800 Hrs., Real Nice; 6620 S.H.; 900 Hrs., 1 Owner, JD 6620 LL, 900 hrs., 1 owner, nice; (75) 6600 D. Rotary Screen - Good; 6600 D. w/Grain, Good For $9,500; (69) 55 Sq. B. w/Cab, Corn Special; 55 Sq. B. w/Cab - Good; '74 JD 6600 D Hydro; 77 JD 4400 D.C.A.; JD 4400 Gas, nice.

IH (Used) 1460 Axial Flow - 900 Hrs., Very Nice; (76) 915 Dsl., C.A. Turbo Hydro; 715 Gas - Good; 205 w/Cab & 10' G.H; 203 w/Grain & 227 C.H.

M.F. (80) 750 Gray Cab, 760 Hours - Nice; 550, Low Hours - Nice; (75) 510 D. Hydro w/Cab; (69) 510 D. w/Cab; 300 D. C.A. - 640 Hours, Excellent; 300 Gas - $2,850; N.H. TR70 C.A. Hydro; Gleaner (76) FD. w/C.A.- Nice; #90 Pull Type.

(75) **White** 8600 D.C.A. Hydro w/15' Flex, $9,750; **N.I.** 702 & 705 Uni-Systems w/Full Eq.; 767 Super Chopper; NI 727 Husking Beds.

JD 6620 w/Rear Wheel Drive; Gleaner N6 w/RWD, corn & grain.

CORNHEADS: J.D. 843, 1243, 643, 444, 443, 343, 244, 243, (New) 443 - $9,300; 313 (45), 334 (55), 205 (40) 234, 435; Late Model 643 & 443, like new; Late Model 444, 643-$5250 & up, 443-$4250 & up.

I.H. 883, 863, 844, 833, 744, 227.

A.C. GL 440, C440, A438, L438, M430, F430, F335, F330, K238.

M.F. 1163, 1143, 63, 44, 43, 24, 222, 422.

N.I. 738, 743, 730, 734, 725, 723, 762, 763; **White** 706N; **Ford** 4-30"; **Case** (404).

GRAIN HEADS: J.D. 12'-15' Incl. 213 & 215 & (2) JD 216 Flex.

I.H. (New) 820 - 15' Flex, (Used) 820-17.5' Flex, $4,300; 810-13' Thru 16.5' w/Reg. or Floating Bar; 710-13'.

M.F. 10'-16' Reg. or Floating Bar; **A.C.** E10', G15'.

N.I. 713 Flex Or Rigid.

TRACTORS:

Local Trade: Used JD 4450 C.A. w/490 hrs., like new.

J.D. (New) 4450 C.A.P.S. w/FWD, $44,500; New 4240 C.A.P.S.; New 4850, C.A.P.S.; 4640 C.A.P.S., Duals - 800 Hrs., Real Nice; 4640 C.A.Q.R. w/dual wheels; 4440 C.A.P.S. - Real Nice; 4440 C.A.Q.R.; 4240 Q.R. $15,500; JD 4240 C.A. Q.R., nice; JD 2940 w/F.W.D. & 260 Loader, Low Hours; 1977 JD 4230 C.A., Q.R., sharp, 2200 hrs.; 2940 w/R.G.; 2840 w/R.G.; 8630 4 WD C.A.Q.R., Full EQ. w/Duals; 8430 4 W.D. C.A.Q.R., Fresh Motor - Real Nice; 6030 C.A. Duals - Nice; 6030 C.A., Nice; 4630 C.A.P.S. w/F.W.D., Real Nice; JD 4630 C.A.P.S. w/new tires; JD 4430 C.A.Q.R.; 4230 C.A.Q.R.; 4230 P.S. w/R.G.; 4030-77, C.A., QR; JD 4040 PS w/R.G.; JD 4030 w/Fender; JD 4230 D w/RG Enclosure; 2940 w/R.G. & 38" Tires; JD 2630 w/Hi-Lo; 1530 w/Hi-Lo; 7520 4 W.D. C.A. - Duals; (70) 5020 - $5,900; 4620 w/Cab & New Tires; 4320 w/Cab - real good, 4320 w/R.G. nice; JD (7) 4020's 1964-1972; 4020 S.C., W.F.E.; 4020 P.S., S.C., W.F.E.; 4020 w/58 Loader; 3020 D. S.C., W.F.E.; 2520 D.; 2020 D. w/Loader; 2020 Gas; 3020 Gas, PS, original; 3010 D, nice; 4010 D w/new clutch; 4010 D. $4,500; 4010 Gas; 730 D. P.S. w/3 Pt. - $3,450; 730 Gas w/3 Pt.; 630 Gas; 720 D. P.S. w/3 pt; 620 P.S.; 620 L.P., P.S.

I.H. (New) 5088 Full Eq. C.A., never used. Sale Price, $33,450; 5488 Full EQ., Radial Duals - Like New; 1086 C.A. w/Dual Whls., original; 1586 C.A. Nice; 1586 w/R.G.; 886 w/Cab 18x38 Tires, 700 Hrs. Like New; 886 w/R.G.; 3588, 2+2 w/Dual PTO, 1300 hrs., real nice; 1976-1066 C.A.; Farmall 1066 C.A., original; Hydro 84, Hydro 70; 784 - 1,000 Hrs., Real Nice; 1568 C.A. - 1,000 Hrs., Real Nice; 1566 w/Cab; 1466 w/Cab; 1066 Hydro - Original; 966 Original; 766 Original; 666 D., Real Nice; 674 D. 574 D. w/Loader; 574 D. - New Tires; 806 D.; 464 Utility, Gas, PS; 1256 w/Cab, Nice; 756 D. W.F.E. & F.H.; 756 G Hi-Clear; 656 Gas - W.F.E. - Original; 656 Gas & Diesel; 656 D. Hi-Clear; 826 D. Hydro; 1206, Nice; 806 D w/3 pt., new paint for $4,475; 706 D. - W.F.E. - 3 pt. - $5,000; 706 W.F.E. - 3 pt. Gas; 706 Gas T/A, W.F.E.; F.H.; 606 Gas w/3000L; 606 Gas w/L. - $4,250; Super M; 450 w/P.S. & F.H.; 230 w/F.H.; Super M; Farmall 504 D; Int. 240 utility M w/4R cult. **(SOLD).**

Local Trade: AC 4W, 305, 4WD, 400 HP, fully eq. w/20x38 Rad. duals, used 120 hrs., like new.

A.C. New AC 6080; (Used) 7045 C.A. - 20 Spd. - Real Nice; 7040 C.A.P.S., Like New; 6080 w/R.G. - Nice; 210 - New 20.8-38 Tires - Full Wts; 180 D. - W.F.E.; Good; D17 Series 4 - w/3 pt.; D14 WF w/Hyd. Loader; AC 220, real nice; XT190D. w/3 pt.

CASE (Used) 1690 C.A.P.S., 200 hrs.; Case 2590 C.A.P.S. - 925 Hrs. - Like New; 1370 C.A.P.S. Factory Duals - Full Wts.; 380 D. w/R.G.; 1070 - P.S. $6,850; 930 C.K. w/3 pt.; Case 885 D. w/L.

M.F. 2675 w/R.G. w/1,000 Hrs.; 1155 C.A.M.P. - $8,500; 1135 C.A.M.P.; 1130, 1100; 165 D., 65 D.

Ford TW 35, used 150 hrs., local trade, like new.

Ford 9700 C.A., real nice.

FORD 9600 w/Cab; 7600 w/Dual Power - Nice; TW-20 w/220 Hrs. - Damaged; Ford 641 w/Hyd. Loader; '52 Ford 8N.

Ford 860 w/PS & Loader.

OLIVER 1855 w/20.8-38 tires; 1950 T w/Cab - $5,975; 1650 D., WF w/3SP; 1550 gas.

WHITE 4-210, 4WD w/duals, 3 pt. fully eq., 1600 hrs., real nice; (New) 2-65 w/F.W.D. & (New) 1730 Loader - List $29,000 Sale - $19,900; 2-135 C.A.

MISC. AGRI-POWER - 9,000-115 HP - Made by Fiat - 80 Hrs.; M.M. Vista G1000 w/Cab & Loader.

(Several farm stocks purchased recently) IH 3288 w/C.A. w/670 hrs.; JD 4440 w/P. Shift & R.G.; Case 2590 CA, PS; Case 2090 CA, PS, 970 fender, original; JD 4230 CA, QR; 4320, 4020 SC; 3020 D.; JD 4520 w/Factory Cab; JD 2840, 1 owner; Farmall 76-1566 CA, duals; 560 D., Real Nice; Int. 464 Utility, Gas; MF 1100, original; Ford County Super 6, 4WD, w/3 pt.; JD 2010 G.; Farmall Super A w/Cult., Plow & Sickle Mower.

TILLAGE EQ.: IH 800, 9x, auto reset, flex plow; Bush Hog 20' Hyd. Fold Disk; AC 28' Hyd. Fold Disk; Ford 236, 9' Heavy Disk, like new; Glenco SS13 Fold Soil Saver; Field Queen Side Dump Wagon; Farmhand 880 Big Tub Grinder; JD Planters 6R Cons. w/Dry Fert.; 6R Cons./Liq. Fert.; JD 7000, 4R; NH 974, 6RN C.H., used 150 acres.

CORNPICKERS: N.I. (New) 324-2RW w/Super Sheller List $15,390 **SALE $8,475;** (New) 323 - 1R; (Used) 325-2RN w/8 or 12 Roll Husker, Shellers & Super Shellers; (Used) 324-2 RW w/ 8 or 12 Roll Huskers; Shellers & Super Shellers; 323 - Like New; 323 Nice - $2,500; 305 & 319 MNTD; JD 237 MNTD.

N.I. 330 - 3 RN w/Supershellers; 325 2RN w/Grinder.

Porter Way 1R tomato harvester w/hyd. shaker.

FORAGE EQUIP.: Forage Harvesters w/Choice of Heads.

J.D. 5440 S/P w/R.W.D. C.A. - Hydro; 5200 S/P w/R.W.D. C.A.; Hydro; JD 5400 C.A. Hydro w/10' direct cut header; 3800 w/Elect. Controls; 38; 5200 S/P w/R.W.D. - Fire Damaged Cab; JD 35.

N.H. 890, 782, 770, S717; NH 880 w/2RN C.H., nice; Fox 3310 w/3RN.

GEHL 600 w/2R; IH 830 w/3RN & Pickup.

FLAIL CHOPPERS: (2) NH Used 38, I.H. 10; **N.I.** 4R Stalk Chopper; NH 33 Flail **(SOLD).**

FORAGE WAGONS: 4 JD 716A w/roof & tandem wagon, like new; **N.H.** #8 w/roof, like new; New Pequea 8x18 Bale Wagons & Hay Tedders.

HAY EQ.: BALERS: J.D. 336W w/Thrower - Real Nice; 346T w/Thrower; NH 310 w/Thrower; NH 320 w/Thrower; NH 420's, real nice; 280 W w/Motor; NH 275 & 273T w/Thrower; **I.H.** 440; **N.I.** 456 Round Baler; N.H. 851 Rd. Baler.

RAKES: Used NH 256.

N.I. (New) 406 w/Dolly Wheel - $2,275.

J.D. 660 w/Dolly Wheel; New Deutz Fahr 17' Hay Tedder, used Grim 17' Hay tedder.

HAYBINES: N.H. 1495 S/P Hydro C.A.D. - 1,100 Hrs. - Real Nice; NH 1469 S/P, 9' w/Cab; (Used) 489, 488 Nice; (2) 479; 472 7' (Nice) like new.

(Used) M.C. 7E; **N.I.** 279 - Good **(SOLD); N.H.** 1034 Stack Wagon.

FORAGE HEADS: N.H. 717-S Direct-Cut for 770 & S717; 737 Direct Cut For 717; 890 EN-2RN Snapper Head; 770-1R Snapper Head; 1, 2, & 3R Silage Head; Hay Pickups.

J.D. 8' Direct-Cut Head; 1, 2 & 3R Snapper Heads; 2 & 3 R Silage Heads, New & Used 5½' Hay Pickups; 7' Hay Pickups; 4-R Stalker Head - Real Nice; JD 243 C.H. w/adapter plate; 5 JD C.H. harvester adapter plates.

I.H. 2 R.N. Silage For 550-650.

FOX 2 CSB 2RW - Snapper Head; 263-2 RW; 215-109 Hay Pickup; 476 - 7' Hay Pickup.

GEHL HA 400 Pickup.

FIELD QUEEN 1413 Flail Cutterhead, 8'.

PLANTERS: J.D. 7000-(New) 6R Cons. w/Dry Fert., Ins. & Monitor - $12,150; (Used) 7000-6R Cons. Liquid w/No Till; 7000-4R Dry & Liquid; IH 800 Cyclo 8R 30" w/liquid Fert., insect, & monitor; JD 4R Cons. w/Dry Fert., Insect. & Monitor.

I.H. 800 Cyclo - 6R w/Dry Fert.; Ins. & Monitor.

WHITE 5100 - 6R Drl.

DRILLS: JD 8300 (Like New) D.D. 100 Acres; 21x7 D.D. w/Soybean Att; 8300 21x7 D.D. - $3,250; 510, 21x7 D.D. w/Press Whls; 510-16x7 S.D. w/Fert & Grass Seed; New IH 5100 21x7 D.D. Soybean Special w/press whls., $5,250.

New JD 28' Hyd. Fold Rotary Hoe Under Dealer Cost.

GRINDER/MIXERS: NH 357; IH 1150; Brady 1050 Hydro. Gr. Mixer.

BLOWERS: NH 27; JD 6500, nice.

TILLAGE EQ.: PLOWS JD 2+3x #845 Rollover; **I.H.** 5x16 Semi-Mount w/Spring Reset; **OLIVER** 546 - 5x16 Spring Reset; **I.H.** 720- 6x20 sp. reset; I.H. 700 - 6x16 Spring Reset; **WHITE** 549 6x18 Spring Reset On-Land; J.D. 7x; M.F. 6x on land hitch; (2) JD 4x16 plows.

CHISEL PLOWS: JD 14' w/Gauge Wheels; Brillion 8'; Athens 9'; (New) D.M.I. 12'; I.H. 55-12'; Brady 1000-14'. **DISCS:** Miller 10' Offset; Hutch Master 9' Offset Disk; JD 310, 13'; JD BWA, 12; I.H. 480 - 20'; **A.C.** 25' Hyd. Fold; JD 230, 20' hyd. fold; JD 215, nice.

MULCH TILLERS: Glencoe SS13 Hyd. Fold Soil Saver; J.D. 1710 - 11'; Krause 2800 - 14'.

CULTIMULCHERS: New Dunham Lehr 13' at dealers cost; Brillion 21' hyd. fold, nice; JD 3 pt., 12' Mulcher.

PACKERS: (New) Brillion - 12'; (New) Brillion 25' - Hyd. Fold; Brillion 10' & 16' w/end transport.

CULTIVATORS: J.D. 4+6R Front Mount; JD & Int. 4 & 6R 3 pt. rear; Int. 4R front mtd. for 560 & 656 etc.; Case 6 to 8R 3 pt. hyd. fold cult.; Littleston 4R-3 Pt.; Oliver 6R Front Mount; **I.H.** 4R Front Mount Field Cult.; **J.D.** 1000-25' - Hyd. Fold.

HARROWS: JD 16' & 20'; Case #100-25'.

MISC: I.H. #2 & 7 Shank V-Rippers; Glencoe Soil-Finisher 12'9" - Like New; Howard 13' Rotavator; Bush Hog 7-Shank V-Ripper $1,650.

INDUSTRIAL: CRAWLER LOADERS: J.D. 450C **(SOLD),** CAT 955L, Nice; A.C. H-3 w/6 Way Blade; A.C. 500-21' Forklift; J.D. 840 Self Loading Scraper; Case 1816; Gehl 3000 & Bobcat 722 Skid Loaders.

Oliver OC12 Crawler w/Blade, Clecteac crawler w/blade.

LOADERS & BLADES: J.D. 48, 58, 148; **I.H.** 2050; 2250; 2350; 2355 (New); Used 2000, 2001 New Great Bend 700; NI Loader; Set Of Forks For I.H. 2000 & 2250L; I.H. 8' Blade Fits 400-560; (New) J.D. & I.H. Buckets; New Leon Heavy Front Blade for 4WD; Caldwell 7 & 8', 3 pt. blades; NI 4R shredders; JD 400, 15' rotary hoes; NH 3 pt.; 7' Mower **(SOLD).**

LAWN & GARDEN: IH Cub 185, Cub LoBoy; Farmall Super A w/rotary mower & V plow; Cadet 682 & 128, 1450, 482, 169, Cub; Cub w/mower; Case 224.

J.D. 400, 318, 314, 212, 140, 112, 317, 316.

Trailer load of (New) Killbros Bins & Running Gears; Artsway 800B w/Elect. Scales - Like New, $6,250; Feedwagon; Bestl-and Rock Picker; J.D. 350 Sickle Mower; (New) Sidewinder 213-13' Rotary Cutter **(SOLD);** (New) McKee Snow-Blower Front-Mount; TANDEM AXLE FERTILIZER SPREADER; J.D. Quick-Couplers; Sets Of Press Wheels For J.D. Drills; (2) New Sets J.D. 38" Cast Whls. & Rim For 4640; I.H. Flat Top Fenders For 706-1466; CABS For Tractors - J.D., I.H. 66 Series; (New) Full Vision Cabs For M.F. 165 Thru 1135; Dual Wheels; J.D. & I.H. Front & Rear Wts.; J.D. & I.H. Roll-Guards; Fast Hitch for 560 & 450; JD belly mowers for JD 850 & 950 etc.

Heavy Front JD blade for 3020 & 4020, etc.; 30 sets of Dual Wheels.

STRAW CHOPPERS: For **J.D.** 4400, 6600, 6620, 7700; **M.F.** 510, 760.

TRUCKS: I.H. Scout 4x4; DELTA 44' Combine Trailer; 79C.O. Freightliner, 1977 C.O. Freightliner; 1979 Polar AM 42' 6200 gal. milk trailer.

MECHANICS SPECIALS: TRACTORS: MF 1805, 4WD w/C.A., dual wheels, 3 pt., needs motor, short block; J.D. 4230 P.S. - Trans; 4020 Tri; 4320 w/Cab.

I.H. 1256 - Motorwork.

CASE 1410 - Motor; 1212 - Housing.

FORD TW-20 - Housing; **OLIVER** 1800 - Motorwork; Farmall 1586 w/fire damage.

J.D. 5200 S/P Chopper w/R.W.D. - Fire Damaged Cab.

NEW & USED EQUIPMENT JUNE SPECIALS

		REG PRICE	SAVE	SPECIAL
	HAY EQUIPMENT			
Used	N H 479 Haybine	$ 3150	$ 300	$ 2850
Used	N H 488 Haybine	$ 4350	$ 350	$ 4000
Used	Int Hay Rake	$ 850	$ 175	$ 615
	BALERS			
Used	J D 336 W w/Thrower	$ 5250	$ 500	$ 4750
Used	Int 430 All Twine w/Thrower	$ 2350	$ 400	$ 1950
Used	Int 440 Baler	$ 1350	$ 375	$ 975
	TILLAGE			
New	Brillion 12 Ft Packer	$ 1750	$ 300	$ 1450
Used	Brillion 16 Ft Packer w/Transport	$ 1650	$ 300	$ 1350
Used	JD 4x3 Ft Plow	$ 500	$ 100	$ 400
New	Landoll #230 22 Ft Fold Chisel Plow	$ 9750	$1350	$ 8400
New	Brillion 25 Ft Crow Ft Fold Packer	$ 5500	$ 550	$ 4950
Used	I H #700 6x16 Sp Reset Plow	$ 2750	$ 600	$ 2150
Used	Kewanee 20 Ft Wing Disk	$ 1950	$ 400	$ 1550
Used	I H #480 20 Ft Wing Disk	$ 2350	$ 450	$ 1900
Used	N I 330 3R 30 w/Super Sheller	$ 6850	$1000	$ 5850
	CORN PLANTERS			
Used	J D 7000 4 Row W Dry Fert & Monitor	$ 4250	$ 400	$ 3850
Used	J D 7000 4 Row N Liquid w/Inst & Monitor	$ 5450	$ 400	$ 4850
Used	J D 7000-6 Row Plate w/Inst Dry Fert	$ 4500	$ 550	$ 3950
Used	J D 7000 8 Row N Liquid Inst Pop Monitor	$ 8250	$ 800	$ 7450
Used	I H 400 6 Row Dry Fert Fully Eq w/No-Till Att	$ 2950	$ 500	$ 2450
Used	I H 400 6 Row Liquid	$ 1450	$ 500	$ 950
	DRILLS			
Used	JD 8300 21x7 D D	$ 3750	$ 500	$ 3250
Used	I H 510 16x7 S D w/Fert & Grass Seed	$ 2750	$ 400	$ 2350
	TRACTORS			
Used	J D 2940 w/Hi Lo w/R G	$14500	$ 700	$13800
Used	J D 4430 4 Post R G	$ 9900	$ 400	$ 9500
Used	Farmall 1566 w/Cab & Duals	$14500	$1600	$12900
Used	Ford 9660 w/Cab	$ 8800	$ 900	$ 7900
Used	MF 1100 Original	$ 5400	$ 950	$ 4450
Used	J D 3010 D L & B (as is)	$ 4500	$ 750	$ 3750
New	AC 7010 Fender 20 Spd	$19800	$1550	$18250
Used	A C 6080 w/R G	$12900	$1400	$11500
Used	AC 220 Original	$ 8900	$1000	$ 7900
Used	AC XT190D	$ 4600	$ 625	$ 3975
Used	Farmall 706 Gas Tri F H	$ 4500	$ 650	$ 3850
Used	Ford 7600 w/Dual Power Original	$ 9 900	$ 450	$ 9 450
Used	Case 1070 PS	$ 6850	$ 850	$ 6000
Used	Case 930 WF Original	$ 4950	$ 450	$ 4500
Used	J D 6030 C A 175 H P	$17300	$1800	$15500
Used	J D 5020 w/Duals Whls (as is)	$ 5850	$1100	$ 4950
Used	I H 1468 C A 145 H P	$ 8800	$1550	$ 7250
Used	Farmall 706D W F 3 Pt	$ 5450	$ 700	$ 4750
Used	I H 460 Utility Gas w/Loader (as is)	$ 3250	$ 550	$ 2700
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Used	M F 1135 w/R G	$ 8900	$1650	$ 7250
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Used	JD 2020 Gas	$ 3250	$ 800	$ 2450
Used	Farmall Cub w/Mower	$ 1650	$ 400	$ 1250
Used	Bobcat 520 Skid Loader as is	$ 2450	$ 500	$ 1950
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AC 160
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Ford 4500 TLB
Ford 1100 2WD
Ford 1200 4WD
8 & 9 N's
Ford 1210, 4WD Gear w/QT Loader

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(2) NH 489 Haybines
NH 488 Haybine
NH 467, 7' Haybine
NH 78 Baler w/Thrower
NH 315 Baler
JD 24T Baler w/Kicker
NH 717 Harvester
NH 782 Harvester
NH 717 Single Row Corn Head
Ford 241 10' Disc Harrow
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JD 709 Pull Type SOLD ary Cutter 7'
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JD AT-40 4 R Front Mtd. Cultivator
JD 210 L & G Tractors
Herd F160 3 Pt. Spin Spreader
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(2) JD 160 Mid Mount Mowers for JD 650 & 750 Tractors
JD Tilt Dump Collection System For JD 420 - 430, Lawn & Garden Tractors

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JD 25A Flail Mower
JD 1000 2 Btm. 3 Pt. Plow
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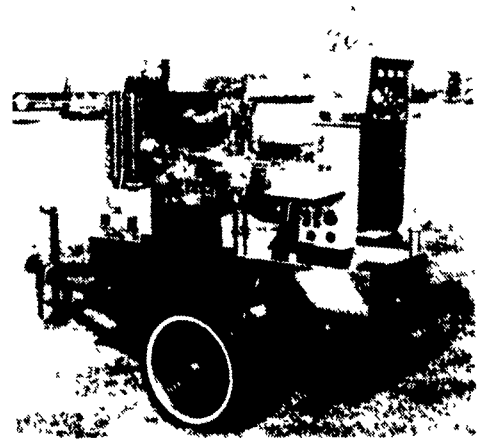

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*4090 NH 1500
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*3784 IH 1440
*3775 IH 1460
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*3058 JD 7700 w/Chopper

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4537 JD 400 Gal. Sprayer
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4031 NI 212 Manure Spreader
5487 NH 280 Baler
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3837 NI 245 Manure Spreader
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4722 IH 4568
4707 IH 1206
4783 IH 886
4586 Deutz DX140
4752 Deutz 4006
4558 Farmall H
3335 JD 8630

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6103 Sunflower HB Chisel Plow 27'
4496 IH 475 Disk 13'
3841 IH 540 Plow
3799 IH 370 Disc 14'
4659 Krause 4133 Field Cultivator
4099 Krause 1966 Disc 31'
5054 Krause 2143 Disc 42'
5457 Krause 2413 Disc 23'
4667 JD 12 Shank Chisel Plow
5561 JD 210 Disc 13'
5419 JD 22 Shank Chisel Plow
6247 JD 310 Disc
5121 Dunham Lehr 29' Crowfoot Packer
5534 Glencoe Soil Finisher, 20'
4773 Glencoe 12 ft. Soil Finisher
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Farmall 460 D
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Farmall C
Oliver 1855 D, new rubber
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(2) JD 45 w/both heads
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NI Uni-System 702 w/717 combine, 4-row corn head.

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NH 676 w/hyd. endgate, 320 BU.
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JD 205 Rotary Mower, 5', 3 pt
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NH 479 Haybine, 9'
NH 469 Haybine, 9'
MC 9E 9' Rotary scythe
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NH 271 Baler w/thrower
AC 443 Baler
IH #46 Baler w/thrower
(2) IH #440 Baler w/PTO Thrower

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Brillion 961 8' Seeder, pull type
Hanson 300 Gal. Sprayer, 28' Boom
Kewanee 10' Cultimulcher
IH 11 Shank 3 pt. Field Cultivator
JD 16' Cultimulcher
AC 600 No-Till Planter, 630 Air
AC 600 No-Till Planter, 438 Plate
JD 1240 4-row Planter
JD 38 Chopper w/both heads

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Uebler 810 Silage Cart, 35 BU., only 2 yrs.
Weaverline 224 Silage Cart, 30 BU., w/automatic charger, rebuilt!
Behlen Grain Dryer w/engine
MF 246 Loader w/80" Bucket

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GMD 66 7'10" Disk Mower	$4,500	$3,475
GF 22NT 10'2" Pull Type Tedder	$1,815	$1,400
FC 200 6'7-- Disk Mower-Conditioner	$6,260	$4,975
FC 300 10 Ft. Disk Mower-Conditioner	$12,605	$10,400

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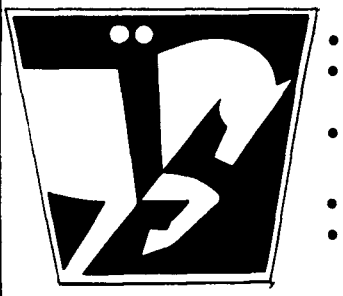
WISCONSIN HEAVY DUTY ENGINES



- V465D 65.9 HP 775 Repl.... $2875
- VG4D 37 HP, NH Haybine Repl..... $2550
- VH4D, 30 HP, Bobcat Repl. $1795
- W1588 16 HP, Elect..... $695
- AENLD 9 HP, Clutch Reduction..... $1145

(Repl. Engines in stock to fit most popular skid loaders)

SURPLUS ROBIN SPECIALS

- W1 390 11 HP, Recoil..... $375
- EY 27W 7.5 HP, Recoil..... $295
- EY27W, 7.5 HP, Electric $375
- EY27W, 7.5 HP, Pump Repl..... $235
- EY25W 6 HP, Recoil..... $225
- EY18-3W Recoil $225
- EY18-3 Gen. Repl..... $195
- EY18-3 Pump Repl. $195
- WI 145 3.5 HP, Recoil $145

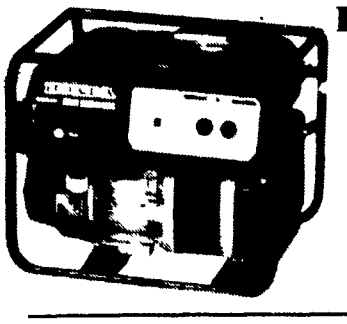
WHITE

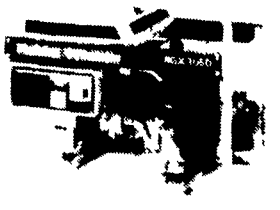
- G 1600 50 HP..... $800

FORD INDUSTRIAL SHORT BLOCKS

- 300 CID Gas $850

ROBIN & HONDA Industrial Generators





1200 To 4000 Watts

Authorized Service Center
• Complete Rebuilding • Large Parts Inventory

FISHER ENGINE SERVICE
3141 Old Phila. Pike, Bird-In-Hand, PA 17505 (717) 768-3729

1 FARM EQUIPMENT

1500-gal. Tank Will Load in Approx. 1½ Min.

✓ Check These Outstanding Features on the SLURRY BUGGY

A liquid manure spreader that loads and unloads and has no chains, bearings, fans, augers, or moving parts that touch manure.

- ✓ Tanks are made of 5/16 thick metal
- ✓ Large air-cooled vacuum pump
- ✓ Pump has not only a primary trap but also a large secondary moisture trap
- ✓ Pump has an air precleaner
- ✓ A 6-inch hydraulic operated brass valve for unloading
- ✓ Has 3 different manure spreading patterns
- ✓ Tank has a float level indicator and signt glass
- ✓ A 20 inch rear manhole for easy access to tank
- ✓ Priced at $5,625

Optional Features: Heavy Duty tool bar with tooth spring loaded injection 6 inch side valve large flotation tires

Farmers. rebuild your tanker with one of our new pumps (192 cfm @ 10 HG)

$1,275

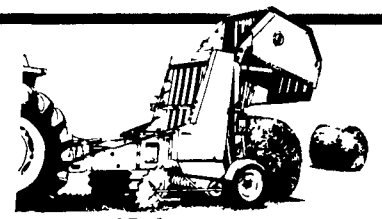
We have 6" and 8" Tapered brass valves for your Liquid Manure Handling Needs

SLURRY BUGGY EQUIPMENT

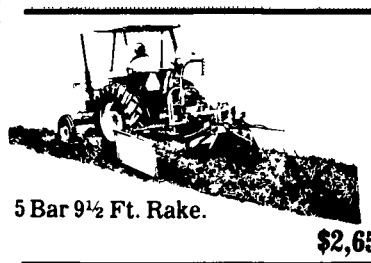
R.D. 2, Box 148 Ephrata, Pa. 17522

(717) 859-3869

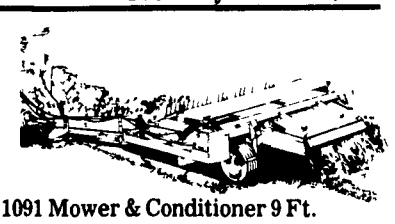
IT'S HAY DAY AT GRUMELLI'S ON HESSTON HAY EQUIPMENT



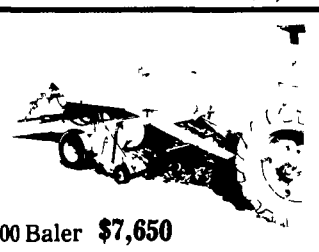
5530 Round Baler Until May 1st $5,600



5 Bar 9½ Ft. Rake. $2,650

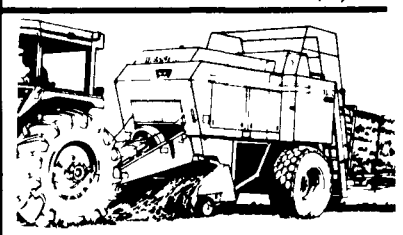


1091 Mower & Conditioner 9 Ft. $6,500

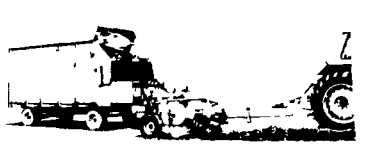


4600 Baler $7,650

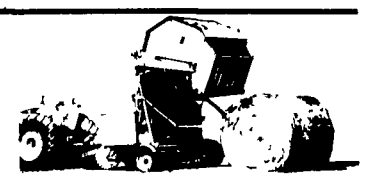
Bale Thrower $2,500



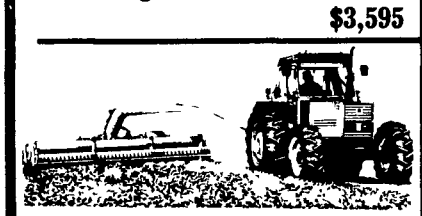
4800 Big Baler $41,900



16 Ft. Forage Box $3,595



5545 Round Baler $9,900



1010 Hydro Swing Mower & Conditioner $7,600

1150 Mower & Conditioner 12 Ft. $9,050

GRUMELLI FARM SERVICE

Quarryville, Pa. 717-786-7318

HESSTON THE PRIME LINE

NH BALER

Model 315, with bale thrower, hydr. aimer & tension control, excellent shape, always owner operated.

201-369-4738
or 201-369-8717

715 IH Combine w/13' Grain Head, German Dsl. Engine, Hydrostatic, Monitor, fully equipped. Will sell without heads.

717-949-3763

USED TRACTORS

AC 7040, cab & air, power shift; 7030, cab & air, 7010 Cab & Air, power shift; 6080; 6060; 4WD; 5050; 5050 4WD w/loader; 200; 190XT; 190XT w/cab; 175 diesel; 160; D17; D15 series II factory 3 pt.; D15; G w/hydr. & cultivator; B.

JD 3020 diesel; 3010 diesel; 2510 powershift.

IHC 674, 544; 424 w/hydr. dump loader; 230; 140; 100; Super A, with equipment; Cub; Cub low boy w/5' Woods rotary mower; Cub low boy w/Mott Hammer knive mower; Cub w/cultivator.

FORD: 7700 4WD; 7600 diesel, high clearance; 7000; 6600 w/quick tach front end loader; 5000; 4000; 600; Major diesel, front end loader; Jubilee; and 8 N's.

KUBOTA: 7500; 4WD demonstrator; L 225 w/cab.

MF: 285; 265 diesel; 175 diesel; 165; 135; 65; 65 diesel; 50 diesel; 40; Ferguson 30, 40.

OLIVER: OC 6 diesel, crawler, good bottom.

LONG: 560 4WD.

HAY EQUIPMENT

HAYBINES: NH 477-7', Hesston PT7, PT10, 1070, 1090-9', NH 489--very good-9'.

SELF-PROPELLED HAYBINES: Hesston 6200, 310, **CUTDITIONERS:** NI 279-9', NH 270, 272-7'. **HAY TEDDERS:** (New)-Fahr 4 star 17 ft., Kuhn 2 star, Grimm PTO reel type Deutz-Fahr side rakes. (Used)-Fahr 4 star, Lely 2 star Kuhn 2 star, 3 pt., Grimm PTO and ground drive. **BALERS:** MF 124, NH 270, 268, 276, 310. **BALERS w/THROWERS:** NH 273, 275, 315, Hesston 4500, MF 124, IHC 425. **ROUND BALERS:** Hesston 5800, NH 846, 851, 852. Zimmerman 36 & 40 ft. elevators. New wood & steel bale racks. In stock new 6, 8, & 10 ton running gears, 12 ton tandem running gear. Large selection of sickle bar mowers, 3 pt. hitch, semi mount, & mounted. Call for your needs.

SIDE RAKES: NH 56, 660 w/dolly wheel, NI, IHC 35 w/dolly wheel, NI wheel rake. Deutz 3 pt. hitch disc hay mower. Hesston 1014 2+2 hydr. swing mower conditioner just returned from college lease. Hesston stack Hand 10 & 30. Tye no-till seeder.

FORAGE HARVESTERS:

Hesston 2000-100, 2000-150, 7020; NH Super 717; large selection of pick up heads. JD 5400 self-propelled forage harvestor. IHC, Kools, and NI forage blowers.

FORACE BOXES: IHC- 3 beater w/roof, Grove 2 beater, H & S 3 beater, Lamco 2 beater.

BE SOLD!

New left over weathered hay tools at reduced prices: (2) NI 279-9' cutditioners; NI 272-7' cutditioner; NI 406 hydr. drive side rake w/dolly wheel; NI 7' trailer mower - 1 with hydr. lift and 1 with mechanical lift; Mechanical 1 row transplanter; Arts way silage blower; NI 555 baler w/thrower.

NEW EQUIPMENT

Full line of Kubota tractors, loaders, mowers and tillers, low interest on all models. Also just arrived: Deutz-Allis lawn and garden tractors with special discounts for early buyers. Deutz-Allis farm tractors from 40 to 110 horse power in stock. 3 pt. cement mixers, blades, loaders, backhoes, trailers and carts.

INDUSTRIAL

TRACTOR LOADER BACKHOES - (2) Case 580C w/cab, 1 with extendahoe. **CRAWLER LOADER** - AC 655. **TRACTORS WITH LOADER, 3 PT. HITCH & PTO** - IHC 2444, MF 40, MF 2200. **SKID STEER LOADER** - NH 225, Bobcat 610 gas, Bobcat 611 Deutz diesel. **LOG SKIDDER** - (2) JD 440 series A; Case 450 dozer, 6 way blade; Ford 50 HP power unit. **FORKLIFTS** - Ford, AC 706B - 30 ft. lift, AC 600 series - 21 ft. lift. JD 9300 backhoe. AC 840 1½ yd. articulated payloader; AC 940 2 yd. articulated payloader. 1 ton paving roller. 1977 Ford F700 truck with dump body, very good. 2 axle - 6 ton Tag-A-Long trailer.

SPRAYERS

3 pt. & trailer sprayers, several orchard sprayers - air blast.
JD 6000 D, high cycle sprayer.
Meyers trailer air blast
John Bean trailer hand gun PTO driven

LIQUID MANURE EQUIPMENT

2100 gal. liquid spreader w/knife injector.
NI Basin Pump.
New Hedlund Martin liquid manure pumps & tanks in stock for immediate delivery.
Patz 3000 gallon liquid tanker
Better Bilt 1500 gallon liquid tanker
Better Bilt PTO liquid manure pump
Used tank type spreaders, 4 used PTO ground drive conventional spreaders
Better Built 8' Manure Pit Pump, very good cond.
New Hawk 170 tank spreader at dealer cost, only 1 available

MISCELLANEOUS

Shaver post pounder, 3 pt. hitch York rakes Servis 10 ft. 2 spindle trailer rotary mower, Bush Hog 5 & 6 ft. 3 pt. rotary mowers, Howard heavy duty 5 & 6 ft. 3 pt. rotary mowers, Small Davis backhoe for skid steer or 3 pt. mounting, IHC fast hitch carry all platform, Mott Hammer knive mower for Farmall Cub, 3 pt. hitch Mott Hammer knive mower, Hedlund Martin equalizer manure loader, (3) Farmhand Corn Blurrs for high moisture corn, 20 misc. hydr. front end loaders for various models and make tractors - call for your needs, Valby 3 pt. wood chipper, AC 100 HP D power unit with P.T.O. and clutch - choice of three. Just received new Kubota M 7950 DT Tractor with 4WD high clearance ideal for muckland farming - 76 PTO horsepower. Mounted cultivator for Farmall Cub, Super C, 200, 340.

WE SHIP PARTS DAILY BY UPS.

THIS WEEK'S MECHANIC SPECIAL

Int'l 2500 diesel Series A tractor loader, 3 pt. & PTO runs & operates, needs some repairs.

$2475.00

MARSHALL MACHINERY, INC.

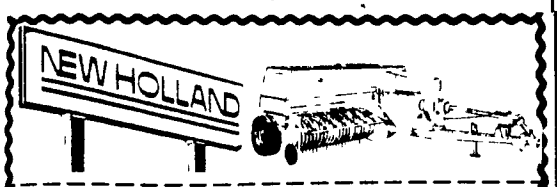
Rt. 652, Midway Between Indian Orchard and Beach Lake
Honesdale, R D #4, PA 18431
PHONE (717) 729-7117
SALES & SERVICE
Deutz-Allis, AC, Kubota, Hesston, New Idea, CDS Industrial formerly AC light industrial

MR. FARMER

Why Settle For A Look-Alike... When Quality And Reputation Cost A Fraction More.

Pequea PTO Model 710 Tedders
NH 404 Hay Conditioner Like New
Used On Less Than 100 Acres

DJ IMPLEMENTS
717/949-3074 Or 703/879-9926
Village of Reistville



USED RECONDITIONED EQUIPMENT

9 Ft. Pequea Tedder	$ 490.
N.H. #354 Grinder-Mixer (nice)	$3250.
N.H. #320 Baler w/Thrower	$6450.
N.H. #67 Baler, PTO, Hitch & Chute	$ 575.
N.H. #362 Flail Tank Spreader	$ 960.
N.H. #510 Spreader w/Endgate	$ 675.
N.H. #30 Forage Blower, 1000 RPM	$1690.
N.H. 880R2 F. Harvester Head	$290.
N.H. 919N3 F. Harvester Head	$2650.
IHC 110 F. Box, Roof, 10T. Wagon	$1575.
AC WD Tractor, Plow & Cult.	$1075.

NEW EQUIPMENT: New Holland NH Haybines, Rakes, Mowers, Twine.

PEQUEA: Tedders, Bale Boxes, ROSKAMP, STEINER, VAN DALE, STARLINE.

TERMS: Most New Holland new & used equipment has free finance options.

ROYAL BRUBAKER
SALES ★ SERVICE
PARTS-INSTALLATION-REPAIR
Phone- 717-626-7766 or 626-1859
700 Woodcrest Avenue, Lititz, PA

USED EQUIPMENT

Disk Harrows
Grain Drills
4 Bt. 2 Pt. Hitch Plow
Farmall 656
AC 7000
Used Combines
IH 1066
IH 58 6 R Corn Planter

Norman Bright Inc.
45 Evergreen Road New Egypt, N.J.
609-723-0300

USED EQUIPMENT

TRACTORS

IH 484D
Kubota 175 w/Mower
IH 544
MF 184 4WD & 236 Loader
IH M
IH 464 Gas
IH 656 Gas
IH Cub Fast Hitch w/Attachments
IH Cub w/Cultivator

IMPLEMENTS

IH 990 9 Ft. Mower Conditioner
IH 1190 7 Ft. Mower Conditioner
IH 1190 9 Ft. Mower Conditioner
NH 474 7 Ft. Mower Conditioner
NH 519 Spreader
IH 540 Spreader
IH 550 Spreader
H 4500 Vibra Shank 15 Ft.
IH 450 3-16 Automatic Year Round Cab Fits IH 06 to 66 Series
IH 10 Drill
NI 319 Mounted Picker
IH 500 Disk
AC 4 Row Planter
IH 56 Planter
IH 800 Cyclo 4 Row Planter
Kuhn 17 Ft. Tedder
Kuhn 13 Ft. Tedder
Grimm Tedder
JD 34 Forage Harvester
NH 27 Blower
AC Blower
NH 270 Baler & Thrower
NH 282 Baler & Thrower
IH 425 Baler
IH 27 Baler & Kicker

Most Equip. Eligible For Special Financing Or Cash Discounts

BIGGS INCORPORATED
34 Buckley Ave.
Rising Sun, MD
301/658-5531

USED TRACTORS

AC D-17
AC 6060
AC 6140, Demo
MM G-900
Ford 8N
Ford 1910 w/Loader
JD-B
JD 2240 w/Loader

USED EQUIPMENT

Vicon 281 Disc Cutter
IH 990 Mower Conditioner
JD 1209 Mower Conditioner
Gleaner F Combine
4" Box: Badger & Kasten

Peterman Farm Equipment
717-249-5338 or 249-2150
225 York Road
Carlisle, PA 17013

MF KUBOTA DEUTZ ALLIS

NEW EQUIPMENT

MF 1020 4 WD Tractor
MF 220 Baler
MF 224 Baler
MF 212 Bale Thrower
Hay Rakes
MF 1010, 4 WD Tractor
MF 250 8 Spd. Tractor
MF 925 Haybine 9'
Hay Tedders

USED EQUIPMENT

MF 42 Sickle Bar Mower
5' 3 pt Grass Seeder
MF 590 Tractor
IH 666 Tractor
IH 1066 Tractor
Ford 530 Baler

Low Financing Available

Radio Dispatched Service
Renting skid steer loaders.
We service all makes of equipment

ABRACZINSKAS Farm Equipment, Inc.
MF Your Business Machines
RD1, Catawissa, PA.
717-356-2323
(south on Rt. 42)

USED TRACTORS

Ford TW10, 4 WD, cab & air
Ford 95, 4 WD
Ford 1700 w/Ford Loader
Ford 3000, 8 SP, w/Loader, Power Steering
Ford 4000 SOLD as w/Loader
Ford 7000 platform model w/DP
Ford 5000 Diesel w/[illegible] SOLD
Ford 4000 SOS, Diesel
Ford 5000 Diesel, 8 Spd.
Ford 661, Very Nice
Ford 8000 Dsl.
JD 4240, Very Nice
JD 3020 Side Console, Dsl.
David Brown 995 Dsl.
JD 2520 [illegible]el, Power Shift SOLD
JD 2520 Gas w/Loader
JD 400 w/Front Loader
JD 2940, 4 WD
JD 20[illegible] SOLD w/Loader
JD 630 WFE, 3 Pt.
JD 83 SOLD
AC WD45, Wide Front End

USED EQUIPMENT

JD 8200 Grain Drill, 18 Disks
IH #10 Drill, 16 Disks
JD 1240 Plate & Plateless Planters
NH 479 Haybine
Ford 552 Round Baler
NI 325 2 Row Narrow Row, 12 Roll Picker
NI 323 Picker
Ford 152, 5-18 Auto Reset Plow
White 588, 4-18 Spring Auto Reset Plow
1965 Ford F600 w/Grain Dump
NH 56 Rake
NH 258 Rake

Call Norm or Mark at
Norm Shores & Son Tractor
Towanda, PA
717-265-9014

GUNTHER HEUSSMAN INC.

SO. 5TH ST., EMMAUS, PA. 18049 215-965-5203

Call John Bolton or Gunther

TRACTORS

JD 4240 Dsl., QR Fender
1980 JD 4440 Dsl., Cab, Air, Power Shift, 1400 Hrs.
1979 JD 4440 Dsl., Cab, Air, Power Shift, clean tractor
1976 JD 4430 Cab, Air, Quad
JD 4430 Dsl., Power Shift, 4 Post Roll Guard
JD 4230 Cab, Air, Quad Shift, 3[illegible] Rubber SOLD
JD 4040 Dsl., QR, 4 Post, very nice
JD 5020 Dsl., 3 pt.
JD 4030 Dsl. Fender
JD 4020 Gas, Side Console, WF
JD 2030 Dsl. w/3 pt., very good
JD 2020 Gas w/3 pt.
JD 2020 Dsl., Hi/Low
JD 1530 Dsl.
JD 1020 Gas w/3 pt., Power Steering
IH 886 D[illegible] Cab, Air, very nice SOLD
IH 856 Dsl., WF, 38" Rubber
IH 786 Dsl., WF, 1800 hrs.
IH 766 D[illegible] w TA SOLD
IH 686 Dsl. w/Cab & Air
IH 856 Dsl. w/Cab, extra nice
MF 1155 Dsl., Cab & Air
MF 1100 Dsl. Tractor, WF
MF 135 Dsl. Multi Power, Power Steering, 1800 hrs.

GRINDER MIXERS

NH 353, 355
NH 352
NH 351
Gehl 95
Brady 1050, 3 Ton

BALE WAGONS

NH 1033
NH 1002

HAY EQUIPMENT

JD 1209 Mower Conditioner, Late Model
JD 1207, 7' Mower Conditioner
JD 336 Baler w/30 Bale Ejector
JD 327 Baler w/Thrower, excellent
JD 24T Baler w/Ejector
NH #90 Rd. Bale Handler
NH 467 Haybine
NH 320 Baler w/Bale Turner, excellent
NH 851 Round Baler, very nice
NH 316 Baler w/70 Thrower, new
NH 315 Baler w/Thrower
IH 2400 Round Baler, DEMO
JD 640 Hay Rake
NH 38 Flail Chopper, DEMO
IH 1300, 3 pt. Mower, like new

CORN PICKERS

JD 300 Husker, 3RN Corn Head
JD 300 Husker, 2RW or 2RN Head, Late Model
NI 325, 2RN w/8 Roll Bed
NI 325, 2RN w/Super Sheller
NI 325, 2RN w/12 Roll Bed, like new
NI 324, 2RW w/12 Roll Bed, like new
NI 324, 2RW 8 Roll Husking Bed
NI 323, 1R

QUALITY LATE MODEL FARM EQUIPMENT

NEW ARRIVALS

Gehl 100 Grinder Mixer, new
NI Manure Spreader, Tandem Axle, Hydraulic End Gate, new
Oliver 1650 Dsl., WF
JD 6620 Dsl, Hydro, Side Hill, very nice
JD 346T Baler w/30 Ejector
NH 354 Grinder Mixer
White 2-85 Tractor, WF, 1900 hrs.

Dairy Special
Deutz Fahr Tedders
10' KH300, $1,395
17' KH500, $2,195

Farm Bilt Bale Wagons, 8x18, Adjustable Tongue, 8T Gear, 11Lx15 Tires, $1,875 FOB.

LOADERS

1979 Case 1845 Dsl. Skid Loader, 1300 hrs.
JD 2240 D[illegible]5 Loader SOLD

CORN HEADS

JD 243, 2RN	IH 843, 4RN
JD 244, 2RW	IH 844, 4RW
JD 343, 3RN	IH 863, 6RN
JD 443, 4RN	IH 227, 2RW
JD 644, 4RW	MF 43, 4RN
JD 643, 6RN	MF 44, 4RW
AC 430, 4RN	MF 1144, 4RW
AC 438, 4RW	MF 63C, 6RN
AC 330, 3RN	NH 3RN
IH 943 4RN	

Spring Special
Hesston 5[illegible] Round Baler SOLD
$3,850

MISCELLANEOUS EQUIPMENT

IH 2R Potato Digger
NI 213 Manure Spreader, very good w/pan
JD 148 Loader for 2840's & 2510-4240 Tractors
18x38-18x34-20x38 Duals
Cabs to fit IH 706 thru 1466 Tractors
Cabs to fit JD 3010-4320 Tractors
JD 4 & 6 Ro[illegible] RM Cultivators SOLD
IH 1701 Loader
IH 2350 Quick Tach Loader
Long 3 pt. Backhoe w/Hydraulic Pump
JD 158 Loader, new
JD 3R 30" Fg. Head
New Fox 2RN Forage Head
IH 5100 Drill, 18x7, Press Wheels and Grass Seed
IH 510, 21x7 Double Disk Grain Drill
Turbo Chargers to fit JD 3020 & 4020 Tractors
JD 214 Self-unloading Forage Wagon, very good
Pick Up He[illegible]it NH & JD Harvester SOLD

COMBINES

1979 JD 4400 Dsl., Cab, Air, 23" Rubber, 700 Hrs., excellent
1980 Gleaner F2 Dsl., Hydro, 23" Rubber, 800 hrs.
1981 JD 4[illegible]900 hrs., fully equipp[illegible], excel. cond. SOLD
1976 JD 4400 Dsl., Cab & Air, 1100 hrs., very nice
1976 JD 3300 Dsl., Cab, Air, 570 hrs., very good
1976 MF 510 Dsl., Cab, Air, 23" Rubber, excellent
1976 Gleaner FKS Dsl., Cab & Air, 13' Grain Table, very nice
1976 IH 715 Dsl., Hyd[illegible] Cab, Air, 23" Rubber, n[illegible] local trade
1975 JD 4400 Gas, Cab, 900 hrs., very nice
MF 300 Dsl. w/[illegible]ab 13' Grain Table & Corn Head
MH 80 SP Combine, 12' Grain Table [illegible] Owner, Good Solid [illegible] Machine, $1,850
MF 92 Combine w/11' Grain Table, good solid machine
Corn & Soybean Chopper to fit JD 3300-4400
JD 213 & 215 Flex Heads
IH 820 13' Flex Head

Good Selection of Grain Tables
Financing Available on Above Machines

1 FARM EQUIPMENT

The Time Is Right... The Price Is Right!!

USED HAY TOOL SPECIALS!

NH 467 Ha SOLD 7 Ft. Cut $2,950
NH 477 Haybine, 7 Ft. Cut $4,450
NH 478 Haybine, 7 Ft. Cut $4,950
NH 489 Haybine, 9 Ft. Cut $4,400
NI 290 M/C, 9 Ft. Cut $1,695
NH 1495 SP, 12 Ft. Planet. Drive, Ford Gas, Razor Cat Bar .. $10,900
NH 268 Baler, Super Sweep, Thrower $1,900
NH 275 Baler, Super Sweep, PTO Drive, and Bale Chute . $2,450
NH 320 Baler w/70 Thrower, Hyd. Bale Tension $6,850
NH 320 Baler w/¼-Turn Chute . $5,250
NH 850 Round Baler, 1500 Lb. Bale, Mech. Cont. $4,950
NH 1002 Bale Wagon, Hillside Kit $4,250
NI 402 Rake, Dolly, Rubber $1,090
AC 9-Row Bean Planter $1,490

See Or Call Us For These Special Prices!

Call Ray or Ed (301) 734-7722 or (301) 879-1434

WALTER G. COALE, INC.
2849-53 Churchville Rd.
Churchville, Maryland

Nothing runs like a Deere

Century 1000 Gal. Sprayer with Electric Controls Dye Marker and Hyd. Fold $4,950

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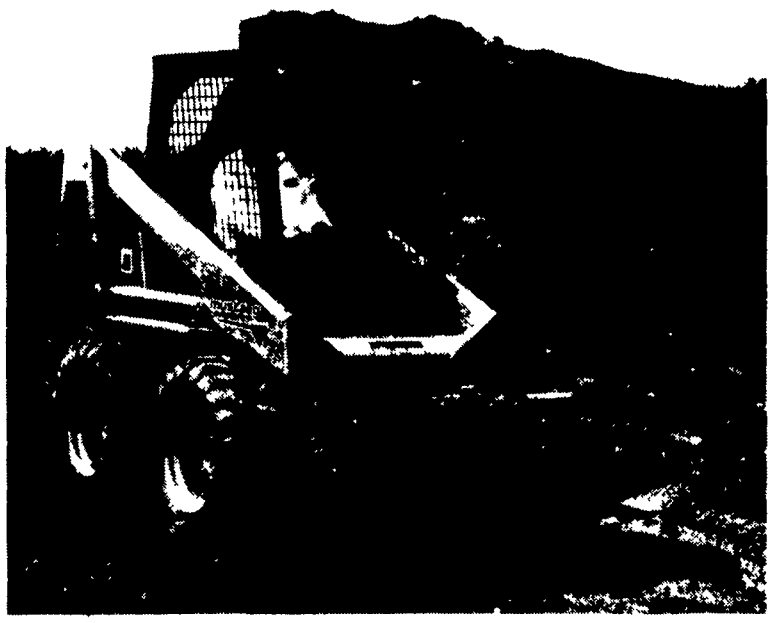

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277 Bal SOLD rower
282 Baler

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NH Super 717 Forage Harvester
NH 880 Harvester
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AC LSK Gleaner w/15 Ft. Grain Head and 440 Cornhead
AC 238 Cornhead, 2 Row Wide
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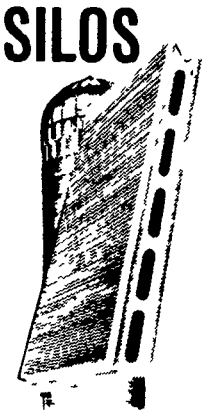

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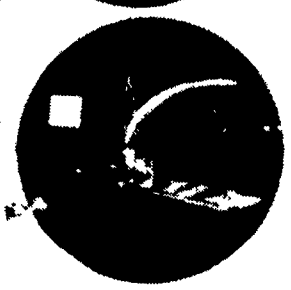

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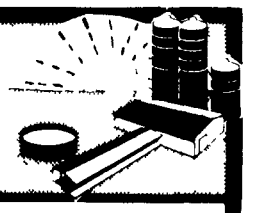

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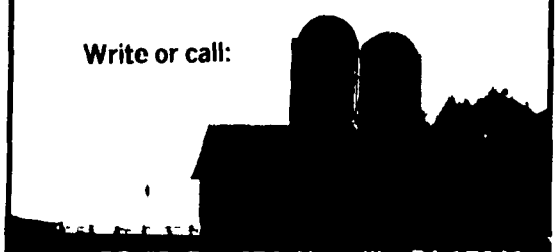

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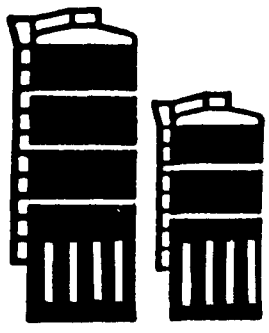

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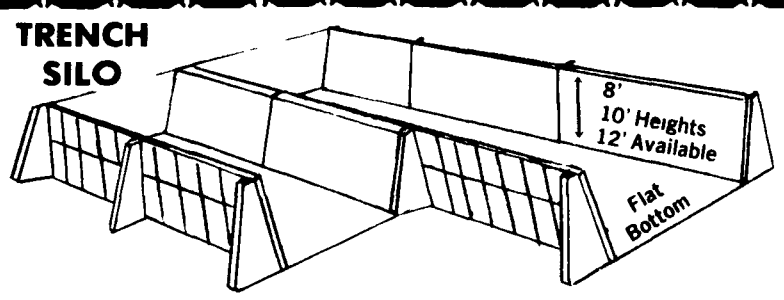

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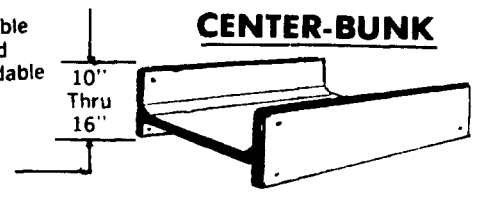

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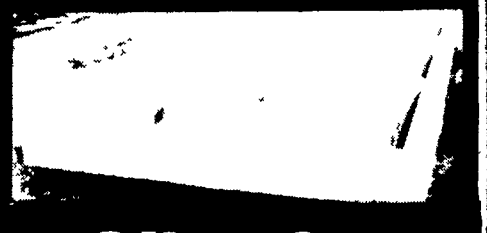

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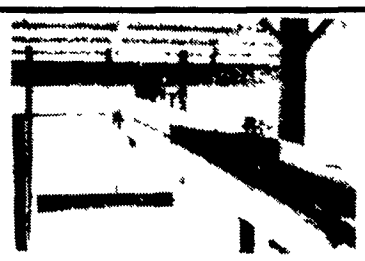

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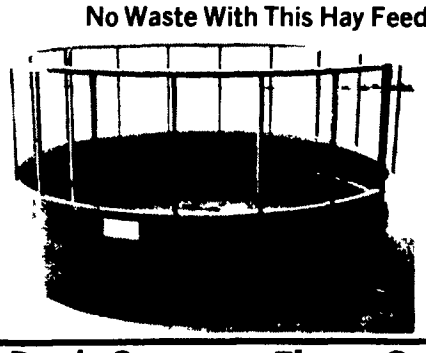
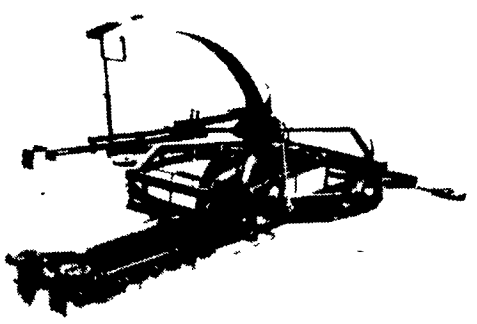


18 Openings Can use for Regular or Large Bale

The Best In Ring Drive



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Supreme Posi Tracs are proven good for 20+ years The Stainless Turbo must last longer with lower maintenance

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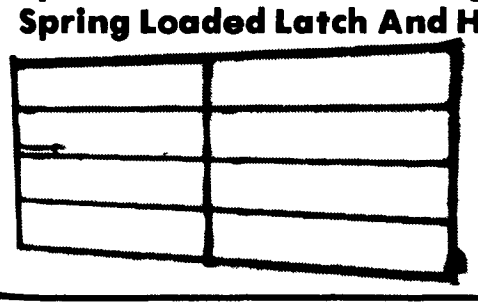
Supreme Unloaders—Good For The Year 2000 And Beyond!

Don't Compare These Gates With Ky Gates. These Are Strong With Spring Loaded Latch And Hinge.



1 5/8 Tubing 13 Ga.

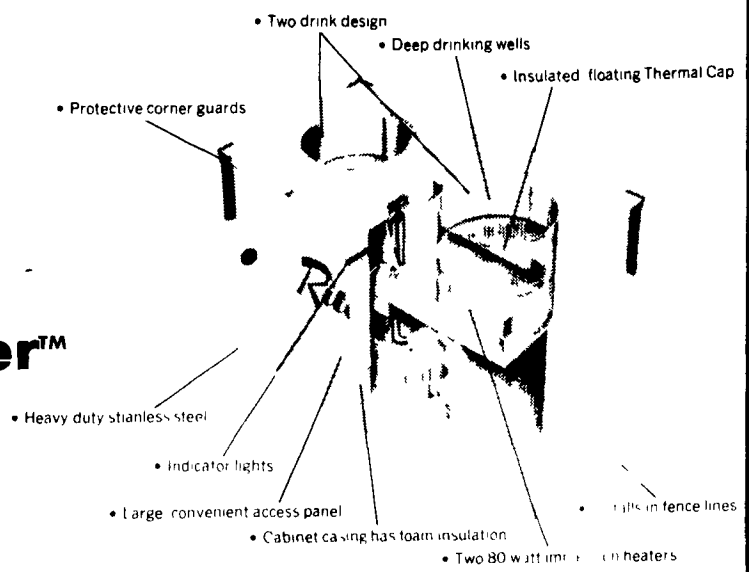
IH 806 DIESEL w/ 1000 HRS. OVERHAUL 109 HP ON DYNOMOTOR

1 Used 3000 Gal. Van Dale Manure Tank

16x50 L[SOLD]ter Silo

Check Your Silo For Fill Pipe, Distributors, Etc. Before The Rush

Check Out The Challenger™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• Indicator lights
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• Cabinet casing has foam insulation

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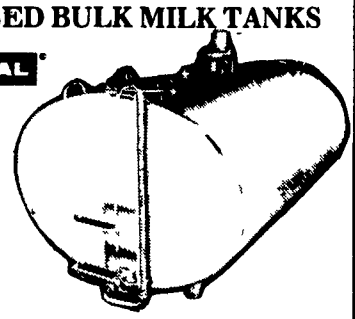

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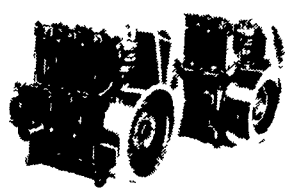

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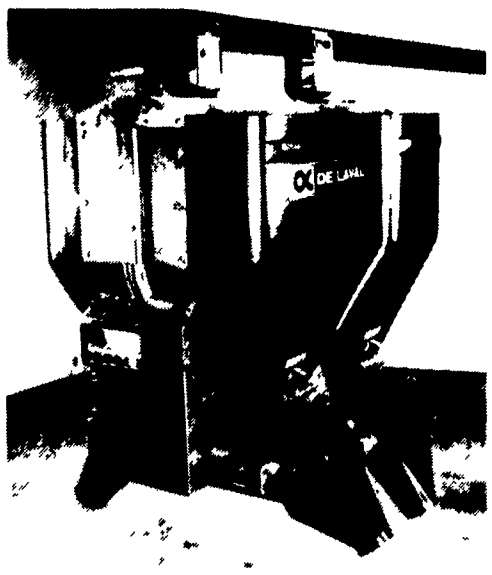

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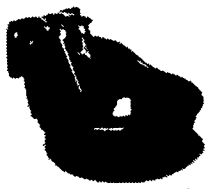

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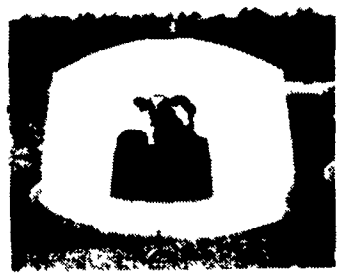

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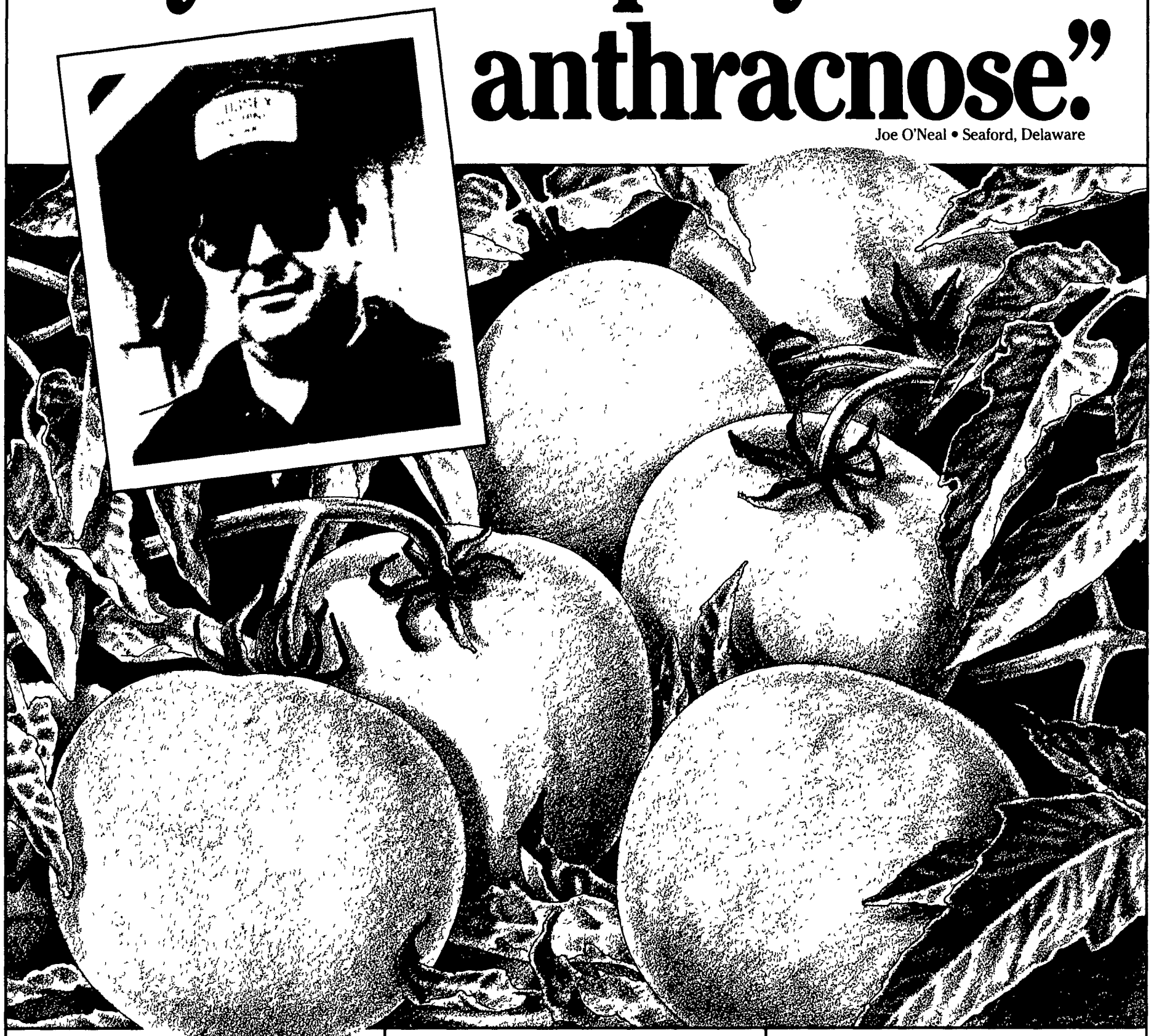

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Marv and Betty Sauder, RD #2, Ephrata

We started on Protek in December of 1984. Before switching to Master Mix feeds, we fed a soybean and mineral mix to our cows for over 10 years. Our rolling herd average consistantly ran in the middle 15,000's, with our highest average going to 16,250. Mike Sensenig sets up our feed program and wanted us to go on Protek, so we did. We are glad we did. Our cows are peaking much higher and holding very good. Our program calls for 35 corn silage, 13 lbs. hay, a cob chop mix equal to a 13% Protek, and topdressing Protek 1890 (Hi Energy) pellets to cows over 60 pounds of milk.

After being on Protek for one year, our R.H.A. increased over 1800 pounds, and 50 pounds fat. It's up 2000 pounds now, and our second year on Protek, cows are still producing better than the first year. Our March DHIA average per cow was 70.3 pounds per day. We never hit 70 before. We hope to go as high as 19,000 as this year goes on. We are off to a good start. We have a number of cows that have increased 3,000 to 4,000 pounds in one year.

Our herd health is also very good. The calving interval is down to 12.3 and the cows just seem to be very healthy, along with peaking high and milking very good.

As far as we are concerned Protek works, and we are both sold on it.

R. Earl Sauder, Goodville, PA

I'm always interested in trying to advance my milking herd for better profits, and I'm really pleased with how we're doing with Protek. My salesman tested my forages and my feed dropped from a 16% flaked dairy to a 12% flaked dairy with Protek. The flaked dairy is made by Sensenig's Mill using flaked corn, oats, Protek, and molasses. I raised some soybeans this year and am topdressing them to cows milking over 60 lbs., our herd production went up and we were able to save considerably on our feed cost. During the winter months, we are consistantly averaging 60 lbs. of milk per head per day. Our butter fat has also been around 3.9.

My feeding program consists of 36 lbs. corn silage, 12 lbs. alf hay, Sensenig's flaked dairy with Protek, and topdressing roasted beans. When the beans are all, I topdress the Protek Concentrate.

I would also say Protek made a difference in the cows being able to breed back. In fact, the cows have just been responding better in every avenue!

Amos S. Lapp, Oregon Pike, Leola

I'm feeding Protek, and I like it. It seems to make more milk and my feed cost is down. As far as my production goes, I was never as high as I am at this point. I started feeding Master Mix feeds from Sensenig's Mill in August of 1984, and my herd average was 15,572. In December of 1984 my salesman convinced me to go on Protek. A short time after I started, I saw an improvement. I had one cow that milked 100 pounds for five months straight. I'd never had that before. That's nice.

My feeding program consists of 35 corn silage, 12 hay, a complete 13% flaked dairy made by Sensenig's, and topdressing the Protek 1890 (Hi Energy) pellets to cows over 60 lbs. The cows really hold production with those 1890 pellets. I found most of my cows are 10-15 lbs. higher, and they hold production longer than they used to. I used to have cows go up to 100 lbs. then drop back to 90 or 80. Now they go to 100, and they'll hold. I've had them as high as 110 or better and holding there for a couple months. As of December 1985, after 1 year on Protek, my R.H.A. is up to 17,271, and my average per cow in March was up to 68.9 lbs. per day. So, I would have to say I'm very pleased since being on the Protek Feed Program.

Stevie S. Stoltzfus, RD #3, Honey Brook

We bought our first load of Protek the day it was first made at Camp Hill. It was a new product, and my salesman, Mike Sensenig, said it was tested for over 5 years and he thought I should give it a try and see just how it works.

My feed program is haylage and corn silage mixed along with a few pounds of dry hay, Hi Moisture Ear Corn and Protek Concentrate pellets. The program is doing a good job. We usually run around 18,000 R.H.A., but when we started on Protek we were in the 17,000's. The cows started back up on Protek, and now our rolling herd average is over 19,000. The cows really like the taste of Protek. By going on Protek, my feed cost is also down.

As far as Protek is concerned, it's doing a good job. I'm sold on it.

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Buckeye Beef Tops NW Keystone Junior Beef Classic

BY BARBARA RADER
Butler Co. Correspondent

MEADVILLE — After 10 hours on the road and several trailer breakdowns, an Ohio steer named Lucky arrived in Pennsylvania to take top junior beef honors at the Northwest Keystone Junior Beef Classic. His owner, Eric Cunningham, stated that arriving at the show was a welcome relief after so many hours on the road. The son of Mr. and Mrs. Larry Cunningham of Coolville, Ohio, the 18-year-old Cunningham is a six-year 4-H member.

Junior beef enthusiasts from Pennsylvania and Ohio spent Memorial Day weekend at the Crawford County Fairgrounds in Meadville for this second annual Classic. Some 120 purebred females and 124 steers paraded before show judge Ron Bolze, an Ohio State extension beef specialist.

In Lucky, Bolze saw a modern-type steer with plenty of red meat and muscling. Lucky's victory also earned Cunningham a $200 jackpot sponsored by the Northwestern and Pennsylvania Cattlemen's Associations. A Chianina-Angus-Maine Anjou cross, this steer has already chalked up two other show wins, and will be campaigned at several more before going to the auction block in September at the Washington County, Ohio, Fair.

At present, though, Cunningham hopes that his winning steer will fare well in the Ohio State Fair, an event well-known for its premium livestock prices.

Reserve champion steer honors went to a Chi-Angus-Simmental cross owned by Bill Ayers of Mechanicsburg, Ohio. The son of Mr. and Mrs. Bill Ayers, the 17-year-old exhibitor took home a $100 jackpot sponsored by Meadville and Butler Farm Credit.

Show chairman, Lee Yeager, and secretary, Nancy Dana, noted that quality ran deep at this second annual event. The main purpose of the event is to promote heifer breeding projects and to educate juniors in the correct way to finish a market steer.

Kirk McKean, assistant manager of the American Angus Association's Certified Angus Beef program, served as showmanship judge and ringman of the show.

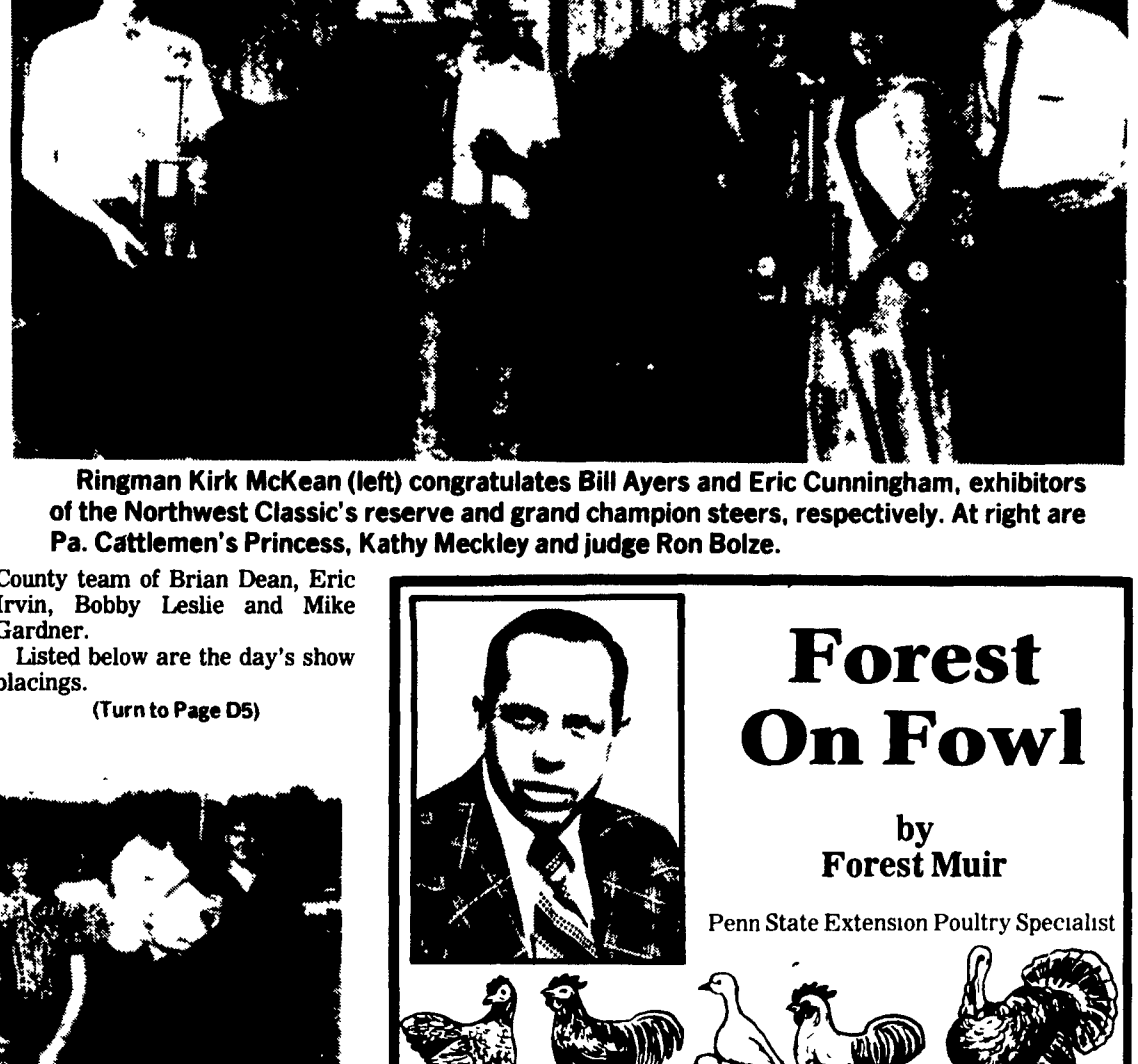
Juniors also had the opportunity to participate in a judging contest. Three classes of steers and heifers were judged, with a Lawrence County team taking top honors. Team members included Jim Bingham, Mike Clark, John Lamb and Bill Dean. Dean also earned high overall honors in the senior division and was the oral reasons winner.

A three-member team consisting of Tricia Neczepronenko, Amy Sunberg and Sue Hart of Ashtabula County, Ohio, was close behind the Lawrence County team at second place.

Beaver County's Team 2 took junior division honors. Team members were Wendy Hixenbaugh, Amy Jodikinos and Dianne Kereacher. Kereacher was the junior high overall individual winner. Second place in the junior division went to the Lawrence County team of Brian Dean, Eric Irvin, Bobby Leslie and Mike Gardner.

Listed below are the day's show placings.

(Turn to Page D5)



Ringman Kirk McKean (left) congratulates Bill Ayers and Eric Cunningham, exhibitors of the Northwest Classic's reserve and grand champion steers, respectively. At right are Pa. Cattlemen's Princess, Kathy Meckley and judge Ron Bolze.

Three of the Classic's breed champions were shown by (left) Jenny Rose, Limousin; Kelly Rohrer, Angus; John Eaton, Charolais.

Kennard-Dale FFA'er Is Gilt Chain Winner

BY JOYCE BUPP
York Co. Correspondent

DELTA — Kennard-Dale FFA member Dan Johnson ended his first year in the vo-ag program by trucking home a weanling pig.

Johnson, a sophomore student in the Future Farmers chapter, was named winner of the annual Gilt Chain award, a weaned, purebred Yorkshire gilt. He is the son of Dick and Dawn Johnson, Delta R1.

Donors Steve, Jeff and Ron Wilson, of Wilson's Yorkshire Farm, New Freedom R2, were on hand recently as Johnson carefully assessed a pen of their Yorkshires and made his selection.

To fulfill his part of the gilt chain agreement, Johnson will have to exhibit the February gilt at the York Fair's FFA show. After she farrows with her first litter, he is expected to donate a piglet back to the FFA, for awarding to another member and continuance of the gilt chain.

Dan Johnson, center, is the newest Kennard-Dale FFA gilt chain winner. Jeff Wilson, left, and Steve Wilson, represented Wilson's Yorkshires, breeders and donor of the animal.

The Wilson brothers who donated the gilt are Kennard-Dale graduates, and all hold the Keystone Farmer degree. Steve, a 1975 graduate, has earned his American Farmer degree as well.

Pork Producers To Elect Delegate Body

YORK — Pork producers have the opportunity to participate in a U.S. Department of Agriculture-sponsored statewide election, July 7-11. The election's purpose is to help select individuals for appointment to an industry-wide body that will administer a promotion, research and consumer information order for pork.

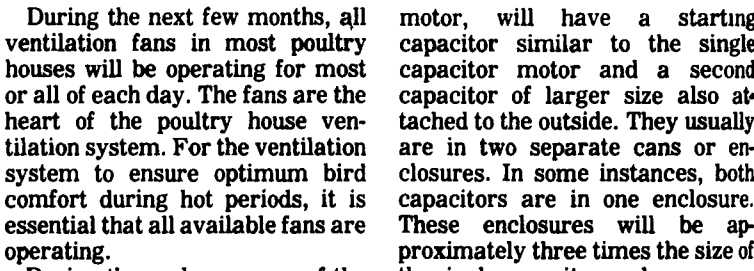
Anthony G. Dobrosky, York County extension agent, said all pork producers are encouraged to vote in the elections. Candidates receiving the highest number of votes in each State will be eligible for appointment by the Secretary of the U.S. Department of Agriculture to the state's allotted positions on the National Pork Producers Delegate Body.

The Delegate Body, consisting of approximately 165 producers, including two or more members representing each of the 50 States and four importers, will be responsible for administering all aspects of the pork order.

Voting in York County will take place at the extension office, 112 Pleasant Acres Road, York. The office will be open from 8 a.m. to 4:30 p.m. Monday through Friday. Pork producers can vote in any county in their home state after signing a voter registration list certifying that they are pork producers in that state.

Pork producers are urged to vote in person at the county extension office. If that is not possible, an absentee voting packet containing a ballot and registration form may be obtained from Jim Epstein, National Pork Producers Election, P.O. Box 23762, Washington, D.C. 20026-3762; telephone (202) 475-5407. Absentee ballots must be postmarked by July 11, and received at the above address no later than July 18.

Votes will be tallied 9 a.m. on July 15 at the local county office of USDA's Agricultural Stabilization and Conservation Service. The public is invited to be present at this official counting, and the results will be forwarded to the Secretary for consideration.



Preparing Fans for Hot Weather

During the next few months, all ventilation fans in most poultry houses will be operating for most or all of each day. The fans are the heart of the poultry house ventilation system. For the ventilation system to ensure optimum bird comfort during hot periods, it is essential that all available fans are operating.

During the cooler seasons of the year other fans are available to compensate for one with a faulty or burned-out motor; but during the summer the ventilation system does not have this reserve. All fans must be operational. Therefore, poultry producers should be prepared and have one or more spare motors available for immediate replacement of a faulty motor.

Any motor that needs replacement on existing fans should be replaced with the correct size, high efficiency motor. These motors should be dust-tight and designed for fan use. High efficiency motors can be a real cost saver for ventilation systems. To gain the maximum benefits from these motors, place them on the fans that run the longest — the continuous running fans.

The electrical consumption of a ventilation fan motor, measured in watts, can be estimated by multiplying the volts by the amps. Therefore, when comparing name plate information from two similar sized motors running at the same speed, the motor with the lower input amperage (amps) for the same running voltage will be the higher efficiency motor.

Most suppliers of ventilation equipment can help you select high efficiency motors for their fans. You'll note that high efficiency motors used on ventilation fans have two sets of capacitors. Capacitors are the "cans" usually fastened on the outside of the motor housing. A typical single capacitor motor will have one can, perhaps one to 1½ inches in diameter attached to the outside. A double capacitor motor, or a capacitor-start capacitor-run motor, will have a starting capacitor similar to the single capacitor motor and a second capacitor of larger size also attached to the outside. They usually are in two separate cans or enclosures. In some instances, both capacitors are in one enclosure. These enclosures will be approximately three times the size of the single capacitor enclosure.

A ventilation system that has had various motors and other parts changed may have unbalanced components. A common problem is the changing of a motor without matching the pulley size on the motor or fan. A change in motor or fan pulley size from original specifications may have an appreciable effect on the fan output. Check fan data to determine the specified pulley size for both the motor and the fan, required motor horsepower, and the specified motor shaft speed. If the incorrect size pulleys are found, they should be changed to provide specified speed and fan output.

Whenever a new motor is put on a fan with unknown specifications or one with a history of burning out motors, the running current should be checked with an ammeter. The running current should be within 10 percent of the amperage specified on the name plate.

When working around fans, during cleaning or the installation of motors, shut off electrical current with a switch or fuse — don't depend on the thermostat. When checking running current or fan speed, be sure to stay clear of blades and belts and do not wear clothing that can flap and become entangled in the fan blades. When the job is completed replace all guards, shields, and electrical box covers. Be sure wires leading to motors are secure and cannot come in contact with blades, belts or louvers.

Remember, don't wait for the first hot spell to find out that a crucial fan is not operating. Have the spare motor of the proper capacity available. The birds you save may be your own.

Livestock Ledger

By

Chester D. Hughes

Extension Livestock Specialist

Evaluating Your Ram

Was that new ram you bought last fall worth the money? Now is the time to find out. Let's look at that new lamb crop and decide whether you want to use him again next fall. I know, its already June and you have a million other things to do, but if the ram is 50 percent of the flock, it's worth the time and trouble to decide now. If you decide not to use him, you have three to four months to find the ram you want at your price.

If you didn't buy your ram slick sheared, or if you didn't shear him for the breeding season, spring shearing may be your first chance to assess him in the "flesh." Does he have the carcass conformation you are looking for? Is he proportional, - that is, does everything fit the total picture of a good ram? What about that fleece you just removed from him? Is it heavy, clean fibered, free of kempy fibers, and uniform? Is his mouth still good? Do his teeth meet the dental pad correctly? Did he come through the winter in good flesh on a maintenance diet, or did you have to feed him extra to keep him up? If the answers to all of these questions are generally affirmative, let's take a look at his lambs.

Did he settle all of your ewes Was your lambing percentage higher? Lower? The same as always? Was this attributable to something other than the ram? Did you have more lambing problems than usual, or was everything smooth as silk? Does your ram throw a high percentage of "big" lambs that must be pulled? Does he produce too many runts or "lazy" lambs that won't nurse? If you are a careful recordkeeper and really know your ewe flock, you may be able to spot a genetic leaning towards lambing problems that might be the ram's fault. Hopefully, the opposite is what you bought in your ram, and you had fewer difficulties than usual.

Now is the time to evaluate your ram if you truly believe that the ram is 50 percent of the flock. Evaluate your lamb crop and see if your ram needs to be replaced. Don't wait until September and then drive to the sale barn to see if you can find a "big" ram lamb to breed your ewes. Shop early before the rush. There is more choice, the prices are better, and if you go to the farm you might be able to check not only your prospective stud ram, but also his mother, father, and the flock from which he came. Even if now is your busiest time, take time to plan for your ram's busiest time of the year — the fall breeding season.

Franklin 4-H'ers Kick Off Beef Show Season

SHIPPENSBURG — The Franklin County 4-H Baby Beef Club got its show season off to a start by hosting its fourth annual Preview Show on May 31. Held at the Shippensburg Fairgrounds, the show attracted 64 entries from 10 counties. Judging the event was Scott McIntyre of Virginia.

Lancaster County's Kelly Rohrer took grand champion honors with her Angus-Chianina crossbred. She also placed fifth in the senior showing and fitting division.

The reserve champion steer was an Angus-Chi-Limousin cross shown by Regina Lebo of Franklin County. Lebo won the senior fitting and showing division and was named overall reserve champion in showing and fitting.

Paul Miller Jr., of York County, won the junior fitting and showing class, then went on to be named overall champion fitter and showman with his white Chi-Angus-Charolais steer.

Kelly Rohrer (left) showed grand champion steer and Regina Lebo had reserve at Franklin County's Preview Show.

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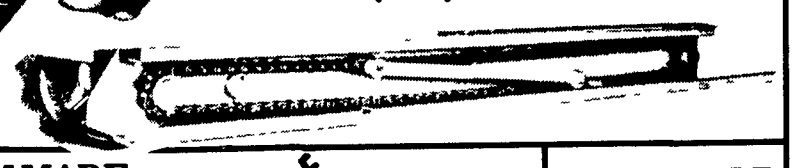

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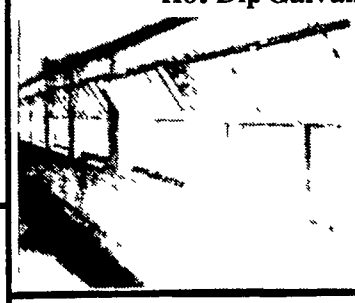

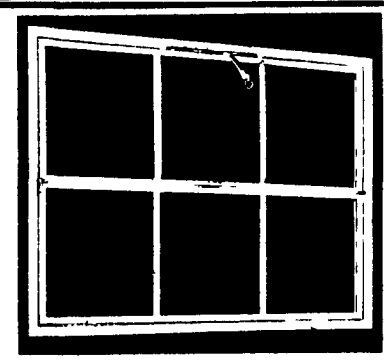

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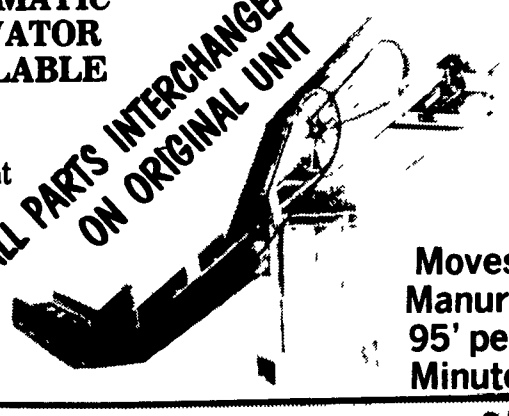

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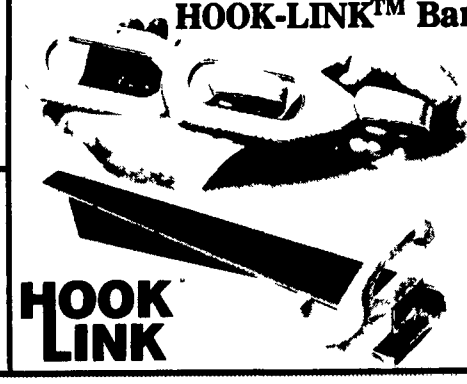

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Lancaster Sheep Events Slated

LANCASTER — The newly formed Lancaster County Sheep and Wool Grower's Association has scheduled a number of educational programs, as well as promotional events for both producers and consumers. Future events include the following:

• July 14, 1986 - 7:30 p.m., Manheim Farm Show Grounds, **Ram Selection Program** — The opportunity to view and hear discussions on rams of a dozen or more breeds.

• Mid-October, 1986 — Fall Meeting, **Controlled Grazing, Brassicas, Fences**

• January/February, 1987 — **Annual Meeting** — Selection of Directors

• February, 1987 — **Sheep Shearing Demonstration**

• March/April, 1987 — **Two-Day Sheep Shearing School** (discount price for members!)

• May, 1987 — Lancaster Farm and Home Center, **Wool Program** to include a Fleece Show, Judging Contest, wool grading, and examples of wool of different grades, qualities and breeds.

For more information and a membership application, contact Extension Livestock Agent, Chester D. Hughes at 717-394-6851, 1383 Arcadia Road, Lancaster, PA 17601.

'Freedom Fighters' liberate Layers

DECATUR, Ga. — According to a United Egg Producers report, an animal welfare organization calling itself Farm Freedom Fighters reported to what UEP referred to as "terrorist-type" activity when its members broke into a layer complex near Hartley, Delaware recently.

The group "liberated" 25 layers in addition to spray painting the house with slogans such as "torture chamber" and "animal Auschwitz."

UEP advises poultrymen faced with similar situations to avoid name-calling confrontations with welfarists and to notify the police immediately.

Wylie Named To Angus Association Position

ST. LOUIS, Mo. — Two new staff members have been named to the American Angus Association's Certified Angus Beef division, to help with program expansion, reports Richard Spader, executive vice president.

William T. Wylie, of Nottingham, Pa., is the new Food Service Coordinator, and Ken Gronewald a native of Kaufman, Texas, has been named to fill the newly created position of Processing Coordinator, according to Louis "Mick" Colvin director of the Certified Angus Beef (CAB) program.

The appointments have been made necessary by the continued growth of the CAB program. In April, sales of Certified Angus Beef hit an all time high of 2,373,471 pounds.

William Wylie, who grew up on a general farm near Nottingham, Pennsylvania that also included a 50-cow registered Angus herd, is a recent graduate of Pennsylvania State University where he earned a B.S. degree in Agricultural Business Management. He was a 1984 member of the Penn State Meats Judging Team. As his title implies he will coordinate and expand Certified Angus Beef use with food service institutions.

Centre Hall To Host Angus Breeders Show

CENTRE HALL — The Pennsylvania Angus Breeders Show planned for July 11 and 12 at the Centre County Grange Fairgrounds at Centre Hall is not only a cattle show but it's also an event where the whole family can take part.

Bill Gray, Schellsburg, Pennsylvania, will serve as judge and place classes for bulls, heifers and steers.

On Friday, July 11, breeders have from 8 a.m. until 4 p.m. to arrive and get their cattle checked in. At 4:30 p.m., three meetings will take place, the Pennsylvania Angus Associationn board of directors, the state juniors and the ladies auxiliary.

Dinner is scheduled for 6 p.m. at the fairgrounds, and at 7:30 p.m. begins "Angus Fun." It will run until 9 p.m.

Breeders can register from 7 a.m. until 9 a.m. on Saturday, July 12. A judging contest with divisions for men, women and juniors will start at 9 a.m. The bull show is set for 10 a.m. with the junior steer show to follow at 11 a.m.

After lunch, the Pennsylvania Angus Auxiliary "Fun Auction" will get underway. It will be followed by the heifer show. The junior showmanship contest is scheduled to start around 3:30 p.m. The day will conclude with the presentation of awards from the judging contest.

For additional information, contact Chester Hughes, Pennsylvania Angus Association secretary, 717-394-6851.

Berks Wool Pool Scheduled

READING — A wool pool sponsored by Berks County Sheep and Wool Growers Association is scheduled for June 28 at the J. Paul Leid Building behind the Fairgrounds Square Mall north of Reading.

Prices paid by the buyer, Banbury Wool Company, of Danville, Ohio, will be 69 cents a pound for white fleece and 64 cents for colored. A handling fee will be deducted from these prices.

The pool will not accept wet or dirty wool, or wool with tags or excessive foreign matter. Wool should not be submitted in plastic bags.

Gray, black and lambs' wool will be accepted but must be separated from regular fleeces.

Hand spinners will have the opportunity to select fleeces from 10 a.m. to 2 p.m. The cost of selected fleeces will be $1 a pound.

For more information call Joe Vogel, 756-4212 or Clyde Myers, 378-1327.

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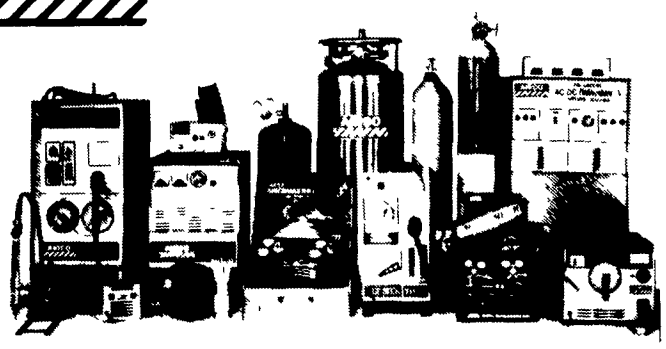

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Keystone Classic

(Continued from Page D2)

Heifer Show
ANGUS
Junior Heifer
1 Dana Novak 2 Eric Miller
Senior Heifer Calf
1 Guy McKean
Early Summer Yrlg
1 &2 Eric Ligo
Late Jr Yrlg , April
1 Eric Ligo 2 Dana Novak 3 Jennifer Patterson Slippery Rock
Late Jr Yrlg , March
1 Kelly Rohrer 2 Guy McKean 3 Beth McCullough
Early Jr Yrlg
1 Mike Yeager
Two Year Olds
1 Eric Ligo 2 Dana Novak, 3 &4 Eric Miller
Cow/Calf Pair
1 Dana Novak 2 Eric Miller
Bred & Owned
Eric Ligo
Reserve Champion
Guy McKean
Grand Champion
Kelly Rohrer
BELTED GALLOWAY
Reserve Champion
Ted Ertman
Grand Champion
Ted Ertman
CHAROLAIS
3 Yrs Old & Over
1 John Eaton
Cow/Calf Pair
1 John Eaton
Grand Champion
John Eaton
CHIANINA
Early Summer Yrlg
1 Robert Buell 2 Joe Calhoun 3 Michael Hosterman
Reserve Champion
Joe Calhoun
Grand Champion
Robert Buell
LIMOUSIN
Sr Heifer Calf
1 Tami Rose 2 Jeff Rose
Early Summer Yrlg
1 &2 Michael Clark, 3 Pam Peffer
Late Jr Yrlg
1 Pam Peffer, 2 Kevin Miller
Early Jr Yrlg
1 Jenny Rose 2 Michael Clark
Sr Yrlg
1 Michael Clark
Reserve Champion
Michael Clark
Grand Champion
Jenny Rose
POLLED HEREFORD
Jr Heifer
[illegible] Steadman
Winter Heifer Calf
1 Christy Hart 2 Ben Cross
Sr Heifer Calf
1 Ted Ertman
Late Summer Yrlg
1 Tina Curtiss 2 Michael Gardner
Early Summer Yrlg , June
1 Christy Hart 2 Michael Gardner 3 Frank Granberry III
Early Summer Yrlg , May
1 Susan Hart 2 Jeff Cook 3 Jody Metz
Late Jr Yrlg
1 Stephen Fritz 2 Frank Granberry 3 Michael Gardner
early Jr Yrlg
1 John Kirschner Jr 2 Anne Granberry 3 Alan Steadman
Early Sr Yrlg Never Calved
1 Lisa Bugdelski 2 Clifford Bancroft
2 Yr Olds
1 Alan Steadman
3 Yrs Old & Over
1 Alan Steadman, 2 John McMaster 3 Ted Ertman
Cow/Calf Pair
1 Stephen Fritz 2 &3 Alan Steadman
Bred & Owned
John Kirschner Jr
Reserve Champion
John Kirschner Jr
Grand Champion
Christy Hart
SHORTHORN
Jr Heifer
1 John Allen III
Early Summer Yrlg
1 Maria Ciafre 2 Ronald Six
Late Jr Yrlg , April
1 Brian Eisminger 2 Craig Govan
Late Jr Yrlg , March
1 Ronald Six 2 Maggie Whitmg 3 Dianna Ertman
Early Jr Yrlg
1 Andrew Allen
Sr Yrlg
1 Andrew Allen 2 John Allen III
2 Yr Olds
1 John Allen III 2 Bridget Whiting 3 Scott Snyder 4 Maggie Whiting
Cow/Calf Pair
1 John Allen III 2 Scott Snyder 3 Brian Snyder
Bred & Owned
Scott Snyder
Reserve Champion
Brian Eisiminger
Grand Champion
Maria Ciafre
SIMMENTAL
Jr Heifer
1 Victor Jerome
Sr Heifer Calf
1 James Deets
Early Summer Yrlg
1 Ken Pointek
Late Jr Yrlg
1 Dave Balzer 2 John Hindman 3 Vicki Miller 4 Russell Lautanen
Late Jr Yrlg , March
1 Tricia Neczeporenko Jefferson OH 2 Jamie Cowell Waynesboro PA 3 Dave Miller 4 Vicki Miller
Early Jr Yrlg
1 Wayne Hindman Jr
Sr Yrlg
1 Jeff Gardner
2 Yr Olds
1 James Deets 2 Victor Jerome
Cow/Calf Pair
1 Victor Jerome
Bred & Owned
Dave Balzer
Reserve Champion
Jamie Cowell
Grand Champion
Tricia Neczeporenko
CROSSBREED
Jr Heifer
1 Carla Calhoun 2 Stephanie Gaub 3 Jessica Deets
Late Summer Yrlg
1 Judy Stanley 2 Jim Bingham
Early Summer Yrlg
1 Amy Davis 2 Steve Peffer 3 Kenneth Tarr
Late Jr Yrlg
1 Judy Stanley 2 Adam Davis 3 Jamie Dornbush
Early Jr Yrlg
1 Kay Gehring 2 Pam Peffer 3 John Allen
Best Owned & Bred
Judy Stanley
Reserve Champion
Judy Stanley
Grand Champion
Judy Stanley
STEER SHOW
Class 1
1 Joseph Cole 2 Michele Hosterman 3 John Tennant
Class 2
1 Paige Templeton 2 Brian Novak 3 Heath Lilley 4 Jenny Rose 5 Michelle Peffer
Class 3
1 Chris Donaldson 2 Tammy Motter 3 Heath Lilley
Class 4
1 Ken Donaldson 2 Kelly Rohrer 3 Todd Cotterman
Division 1-4
Reserve Champion
Ken Donaldson
Grand Champion
Paige Templeton
Class 5
1 Nichole High 2 Paige Templeton 3 Dana Novak
Class 6
1 John Kirschner Jr 2 Victor Jerome 3 Adam Davis
Class 7
1 Bill Ayers 2 Bill Dornbush 3 Todd Lilley
Division 5-7
Reserve Champion
John Kirschner Jr
Grand Champion
Bill Ayers
Class 8
1 Susan Hart Austinburg OH 2 Todd Neczeporenko Jefferson OH 3 Jamie Cowell Waynesboro PA 4 Becky Yeager Karns City PA 5 Tricia Neczeporenko Jefferson OH
Class 9
1 Brandon Horn 2 Amanda Cunningham 3 Dale Bado
Class 10
1 Todd Neczeporenko 2 Todd Cotterman 3 Christy Hart
Class 11
1 Eric Cunningham 2 Teke Brown 3 Christy Hart
Division 8-11
Reserve Champion
Brandon Horn
Grand Champion
Eric Cunningham
Overall Reserve Champion
Bill Ayers
Overall Grand Champion
Eric Cunningham

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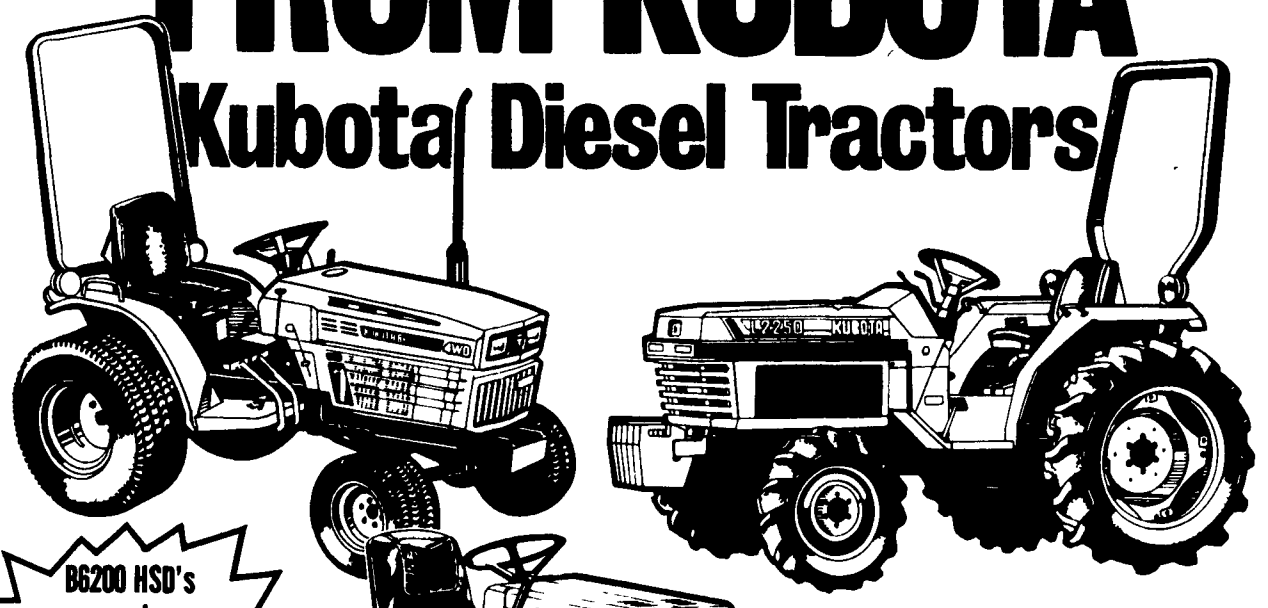

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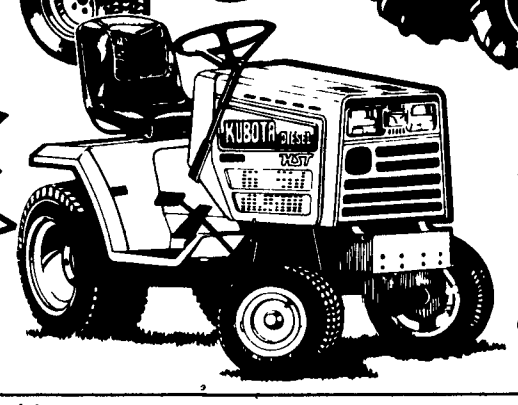

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BUSINESS NEWS...

Pregnancy Test Provides Early Detection

WESTPORT, Conn. – A new method of checking dairy cows for pregnancy and estrus is being offered to American farmers. The new test will allow the dairy farmer to confirm the breeding status of his animals as early as 21 days after breeding.

The test, which is based on recent developments in biotechnology, takes only five to 10 minutes and produces a simple color change. "The dairy farmer will be able to tell whether his cow is ready to be inseminated or if she is pregnant," said Randal Charlton of American Diagnostic Sales, Inc., the company that has introduced the new test.

"This is going to save the farmer time and money. Until now it has not been practical to check for pregnancy until about six to seven weeks after insemination, so many cows have been left open because the farmer did not realize they were not pregnant."

The new test is being made available through licensed distributors throughout the Northeast. Later this year it will be offered to farmers in the Midwest and West.

The test is being marketed in two kit sizes. A small test kit sells for $78 and provides 12-21 tests, and a large test kit is priced at $188, 32-56 tests. The average cost of a test is $4.77.

For further information contact Dr. Don Silvert or Randal Charlton. Telephone 203-259-2829.

The dairyman can check the breeding status of his cows 21 days after insemination with the Calfcheck test.

Kubota Offers New Tractors

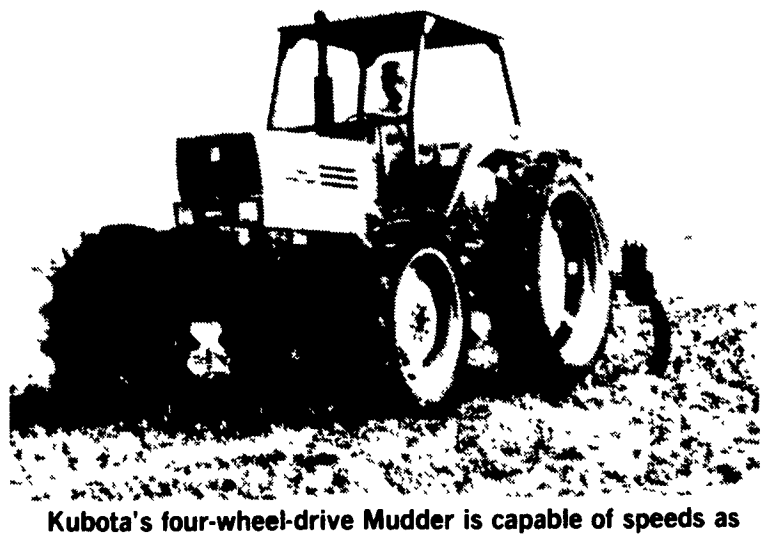
COMPTON, Calif. – Kubota Tractor Corporation has recently expanded the M7950 line with the introduction of three special row crop tractors--the "Mudder" M7950DTM, the High Clearance M7950HC, and the Wide Tread M7950FW. These four-cylinder, 81 HP, (75.44 PTO HP), liquid-cooled diesel tractors are designed to offer a variety of choices suited for specific farming needs.

All three models are equipped with a four post ROPS (Roll Over Protective Structure) and seat belt; synchronized transmission that features 12 forward and four reverse speeds for the wide tread model and 16 forward and four reverse with creep speed for the high clearance and mudder models. A 26-gallon fuel tank, coupled with a powerful, fuel efficient diesel engine, enables the operator to work all day without stopping to refuel. Power steering and a two-speed rear PTO allows these models to perform in a variety of operations. Tilt wheel, adjustable deluxe seat, and an Easy Checker control panel are standard equipment.

The four-wheel drive M7950DTM (Mudder), designed to operate in extremely wet conditions, is capable of speeds as low as 0.04 mph at 600 rpm, and has an adjustable tread spacing from 72 inches to 80 inches, both front and rear. The 27-inch row crop clearance, smaller turning radius, and greater towing power enables it to accomplish the assigned task, even in adverse conditions.

The M7950HC (High Clearance) is a two-wheel-drive tractor with 24-inch crop clearance, permitting operation without crop damage. The M7950HC comes with adjustable tread spacing. A tight turning radius combined with creep speed ability, which is 0.04 mph at 600 rpm, makes this model ideal for row crop farming.

The two-wheel drive M7950FW (Wide Tread) has a wheel base adjustment ability from 72 inches to 96 inches. This feature allows for greater adjustable row spacing. Like the Mudder and the High Clearance tractors, the Wide Tread is capable of speeds 1.08 mph to 18.0 mph at 2400 rpm.



Kubota's four-wheel-drive Mudder is capable of speeds as slow as .04 mph.

The High Clearance Model M7950HC provides 24 inches of crop clearance.

For more information about these tractors, or about Kubota products, please contact the Kubota Tractor Corporation, 550 West Artesia Boulevard, Compton, California 90220.

Deutz Cab Offers Low-Cost Protection

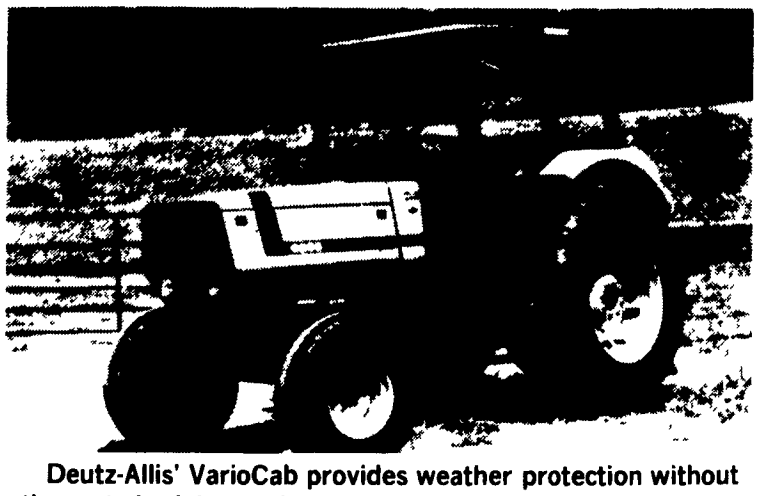
MILWAUKEE, Wisc. – The new VarioCab from Deutz-Allis offers protection from the elements at a moderate price according to Frank Kaplan, tractor marketing manager. "Many buyers of tractors under 100 hp would like the weather protection of a cab, but cannot justify the cost of a deluxe cab with air-conditioning and all the other nice features that are standard."

"The VarioCab is a new idea that starts with the standard ROPS and canopy and builds into a snug weather enclosure at less than half the cost of other cabs," said Kaplan. This is a modular concept that includes the following:

- Add the front panel with lower windows and an opening windshield.
- Add side panels with left door and opening windows.
- Add the rear panel with opening rear window and hinged panel for remote controls.
- Install mirrors on each side and windshield wiper and washer, both standard.

The unit also offers other advantages. All doors and windows may be opened in mild weather; four or five inches less overall height than standard cab because the tractor platform is lower; easy entry; only one step to a lower platform; can be added anytime, without replacing any existing components; good visibility; wiper and washer are standard.

"The VarioCab is available for the complete 6200 model series ranging from 43 to 73 pto hp. It is especially significant for 40 to 50 hp models where economical enclosures are generally not available," stated Kaplan.



Deutz-Allis' VarioCab provides weather protection without the cost of a deluxe unit.

Butler Honors Top Dealers

Butler Livestock Systems, Fort Atkinson, Wisc., recently honored its outstanding dealers at the firm's Regional Dealer Meeting held at the Holiday Inn, Alexandria, Va.

At left, Bart Ziegler of Erb & Henry Equipment, Inc., accepts the Top Volume Product Award for Manure Systems Sales from Butler's Chuck Aungst. Ziegler also received the Outstanding Dealer Award.

At right, Craig Nitterhouse of Sollenberger Silo Corp., Chambersburg, accepts the Top 25 Dealer Award. The award recognizes the company's highest 25 sales volume dealers in North America.

Alfa-Laval Acquires Farmtronix

KANSAS CITY, Mo – Alfa-Laval Agri, Inc announces the purchase of the assets of Farmtronix brand computer controlled dairy herd feeders from Chek-Tech, Inc., a subsidiary of Purina Mills, Inc. Alfa-Laval Agri, Inc., makers of De Laval brand dairy equipment announces that they will maintain Farmtronix as a separate product line via its own distribution network.

Several Farmtronix employees will join Alfa-Laval and many current Farmtronix dealers and distributors will be retained to sell, install and service Farmtronix brand feeders.

Purina Mills, Inc. announced it will cooperate with Alfa-Laval Agri, Inc. in the marketing of Farmtronix and De Laval brand computer controlled feeders through the utilization of Purina's sales network.

John Deere utility tractor savings countdown

We have some outstanding buys on John Deere 1250 through 2750 Utility Tractors. On top of that, we're offering creative ways to save you big dollars. Come in and check them out.

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How to rake it all in, without wearing yourself out.

Grass clippings are bad enough, but the leaves? It's just getting to be too much! And there's no need to rake and bag the stuff by hand

Now John Deere makes lawn cleanup easy With a full line of material collection systems matched to John Deere riding mowers and tractors.

These systems come in a variety of combinations. Choose a twin-hamper 6½-bushel system for riding mowers, lawn tractors and 200 and 300 Series Lawn and Garden Tractors Or the new 6½-bushel Power Flow unit for tractors with 46- or 50-inch mowers

Big cleanup jobs demand big artillery

And John Deere's got it in pairs for 300 and 400 Series Tractors The Tilt Dump and the Hydraulic Dump Systems have a unique variable-speed PTO-driven fan Speed it up for added efficiency when leaves or clippings are deep and soggy. Slow it down and save fuel when the stuff is dry and thinly layered

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Brockett's Ag Advice

By John E. Brockett
Farm Management Agent
Lewistown Extension Office

Tennessee Ernie Ford used to sing a song that went like this: "You load sixteen tons and what do you get – another day older and deeper in debt". Debt is a way of life for most people in this country. As a farmer you are not unique. Actually you as a farmer have debts for two reasons – one is for your business and is usually called credit until it gets out of hand — the other is for personal reasons.

Many of the farmers in this country are in what could be called a debt crisis situation. A debt crisis is when you cannot pay back what you owe. In some cases, the farmer cannot even pay interest on the loan. That becomes a "debt disaster". Is there any way out of this mess? For some farmers the answer is probably not. For others the answer is a qualified "yes".

And for others the answer is a resounding "YES" if they have the fortitude and desire to think their way out. It will take heroic measures to overcome the odds. Personally, I am still optimistic on the future of farming in this country. There are a few changes that will have to be made for those who will succeed.

Change 1 - Successful farmers will have to use records to see where they are now so they can chart a course leading to success in the future. The change for many farmers will be to keep and use records – financial, livestock production, and crop production are basic ones. Using a good farm analysis is one way to make better use of the records that are kept.

Change 2 - Successful farmers will have to keep business and personal credit separate. Too often the two get intertwined to the extent that a farm family really has no idea about the extent of borrowed money it uses for family living or the payment of personal bills. Two bank accounts would be one way to get a better handle on personal expenditures. And that is the first step in the separation of business from personal accounts. Set up the personal account with the idea of paying all family living bills out of it. Outline the type of expense that you would consider personal and the approximate amount that you will need for these bills. This would be your "budget".

Change 3 - Successful farmers will have to plan ahead for all types of reasons. Capital purchases are a major cash outlay for most farm businesses. Spring planting expenses, equipment overhauls, taxes, and insurance are other one time cash outlays that can and should be planned well in advance. But a major one for many farmers is the payment on debts. Some farmers who plan the first two groups forget all about the last one.

Plans may go like this: Borrow $4500 from the bank for a new manure spreader; borrow $1500 from PCA for spring crop needs; sell three cows for the money needed for taxes; and use the savings account of $2500 for a tractor overhaul plus insurance. The plans completely forget from where the payments for all of that borrowed money is coming. Some plans simply use the vague statement "from current income". If current income is already used up paying other expenses, there may be none available for debt payments. The end result may be anything ranging from self enforced austerity, to business failure, to a continuing erosion of net asset value (sometimes called equity value or net worth).

Change 4 - Successful farmers will have to get off the train of "bigger is better" and on to the idea that "better is better". Too often the main solution to business problems or adversity is to expand. Milk prices are dropping so milk production must go up. Corn prices are low so let's rent or buy more acres. A better way would be to see what solution would be the most profitable. Land that will be profitable when corn is $3 may be a losing proposition when corn is $2.50 per bushel. A dairy farm with a cost of producing milk of $12 per cwt. is fairly efficient yet, may be able to reduce that cost to $11 with some management changes. However, this reduction in cost per unit will seldom happen through expansion. That does not mean that expansion is never a reasonable solution. There are situations where expansion is the best route. Such cases would be a farm with very high overhead plus ample resources to handle the expansion with no additional capital outlay. Or a farm that already has a high level of management efficiency.

Vicon To Move Virginia Office To Pennsylvania

CHESAPEAKE, Va. — Vicon Farm Machinery, Inc. is relocating its Chesapeake, Virginia, sales and marketing office to a new location in Pennsylvania.

Simultaneously, sales responsibilities are being divided, in that Virginia and North and South Carolina, previously under the Chesapeake operation, will come under the management of a sales office at Trussville, Alabama. States north of Virginia into New England will be managed by the new Pennsylvania office.

"Vicon has made a strong commitment to the North American market and will continue to do so," said Vicon chairman of the board, Piet Oosterling, who was in Chesapeake to make the announcement.

"During the past five years, Vicon has purchased and now operates two manufacturing operations in North America and has opened two distribution centers. And a third distribution center will be opened in the near future. During this same time, we have increased our sales companies serving North America from four to eight."

Most employees of the Chesapeake operation will be offered jobs at various new locations, a Vicon spokesman said. Vicon employed 10 people at the Chesapeake branch, plus a sales force of another six. Sales personnel will remain the same for the most part, said Oosterling, with the same Vicon representative calling on the same dealers as in the past.

Vicon is headquartered in Niew Vennep, near Amsterdam, Holland, and markets world wide. The North American operation was launched at Chesapeake, Virginia, in 1971.

Vicon manufacturers mowers, mower/conditioners, rakes, tedder rakes, round and square balers plus fertilizer spreaders S-tine field cultivators and sprayers.

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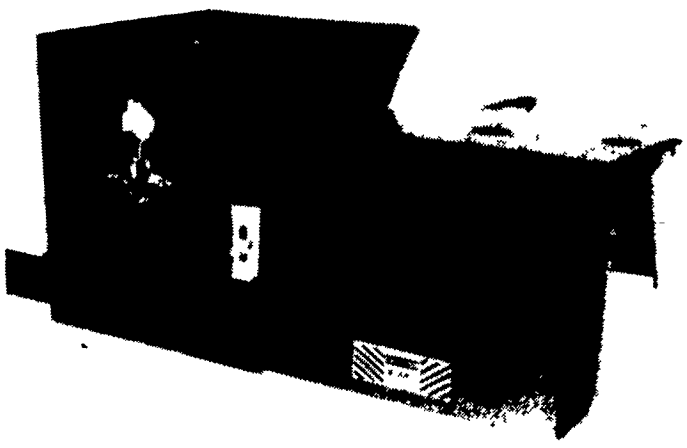

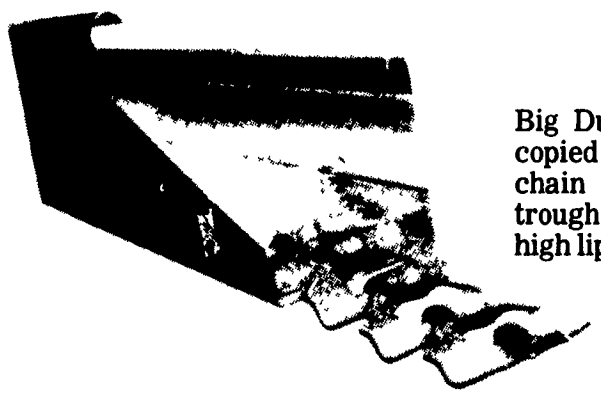

Big Dutchman feeder chain is the original, which is now copied by nearly all poultry equipment companies. The chain literally carries feed in the trough. The Big Lip trough effectively reduces spillage because of the extra high lip and curl.

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Second CRP Signup nets 8,285 Acres

HARRISBURG – An additional 255 farms with 8,285 acres of highly erodible cropland entered the Conservation Reserve Program during the recent second signup period ended May 16, 1986. Acceptable bids were $65 and $60 per acre, the same as the earlier signup, in the two pools set for Pennsylvania. Farmers on 361 farms submitted bids on 13,447 acres.

Eugene F. Thompson, state executive director of ASCS, and Jim Olson, state conservationist, Soil Conservation Service, commended the efforts of the Pennsylvania Game Commission in aggressively publicizing the second signup and encouraging its public asccess cooperators to enter land in the CRP and devote it to a wildlife cover to benefit hunters.

"This had to have an impact on the numbers of farms and acres coming into the program this time around," said Thompson. "Also, farmers coming in this time knew the rates that were accepted earlier and had a better idea of where to set their bids," he added.

"This is a 36 percent increase in the numbers of farms enrolled and a 30 percent increase in acres over the first signup when only 93 farms submitted bids for 2,463 acres," Olson said. "We think this is significant and we are pleased with the numbers," Olson added.

The 10,748 acres to be taken out of production fell short of the goal for Pennsylvania of 75,900 acres for 1986, but represents an increase of 8,285 acres over the first signup. Farmers will have one more opportunity later this year to submit their bids for the 1987 crop year.

Annual rental payments to be made to farmers total $592,697 ($110,832 for the first round of successful bidders and $481,865 for the second round). Some payments will be made as early as October of this year.

Nationally, 3,000,681 acres of highly erodible cropland on 22,863 farms were entered into the program.

USDA officials are pleased with the excellent response from farmers. "With this level of participation we are well on our way to the goal of taking 40-45 million acres of this cropland out of production without the next 5 years. Combined with acreage accepted from the first signup in March, CRP acreage now totals 3.8 million acres," according to Daniel G. Amstutz, Acting Secretary of Agriculture.

Maryland Ag Cost-Share To Receive $8.5 Million

ANNAPOLIS, Md. – Maryland's Governor Hughes announced recently that $8.5 million from the State bond sale tentatively scheduled for June 25 will go toward funding the Maryland Agricultural Cost-Share Program (MACS). Funding sources for the program had been threatened recently by proposed federal tax legislation.

MACS provides farmers with financial assistance to install eligible conservation practices to protect water quality. Proposed federal legislation may restrict the use of tax-exempt State bonds to fund the MACS program and other Bay cleanup programs.

MACS helps farmers address a 1983 EPA Chesapeake Bay Study implicating agriculture as a nonpoint source of pollution. Farmers may receive a maximum of 87.5 percent toward the cost of installing eligible conservation practices. Conservation practices protect water quality by preventing the movement of soil nutrients or pollutants off the farm.

The $8.5 million will be immediately applied to assisting the 755 farmers with pending applications and future applicants to MACS. To date, farmers have completed the installation of over 1,650 conservation practices receiving $3.8 million from MACS. Currently over 3,100 applications have been approved as eligible for close to $8 million in cost-share for the installation of conservation practices.

Information about MACS may be obtained by contacting Amin Yazdanian, Cost-Share Administrator, at 841-5864 or the local conservation district.

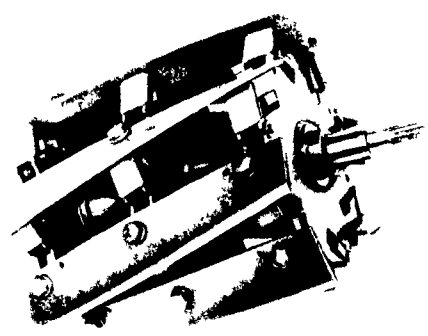
Upjohn Recognizes Sales Achievement

KALAMAZOO, Mich. – Maryland resident Chris Cochran has been honored by The Upjohn Company for outstanding achievement in sales for 19085. He is one of 17 sales representatives recently named as repeat winners to the company's Agricultural Division Sales Academy.

A sales specialist for Upjohn/TUCO Animal Products, Cochran joined the company in 1980. His sales territory encompasses Maryland, Delaware and southeast Pennsylvania. He received his B.S. degree in Animal Science from Cornell University.

A native of Harford County, Maryland, Cochran, was selected previously for Sales Academy honors in 1984. He and his wife, Amy, reside in Havre de Grace.

Lower cost, less hp per chopped ton



The new Gehl 760 is one forage harvester that doesn't sacrifice capacity for low price. And this medium size machine requires even less horsepower per chopped ton than most of the big harvesters.

That's because the cylinder on the 760 is actually set into the blower compartment, speeding material flow from the cutterhead into the blower. Cylinder momentum and blower suction keep material moving at a fast clip, reducing horsepower requirements and fuel consumption. The result is high capacity at a low cost.

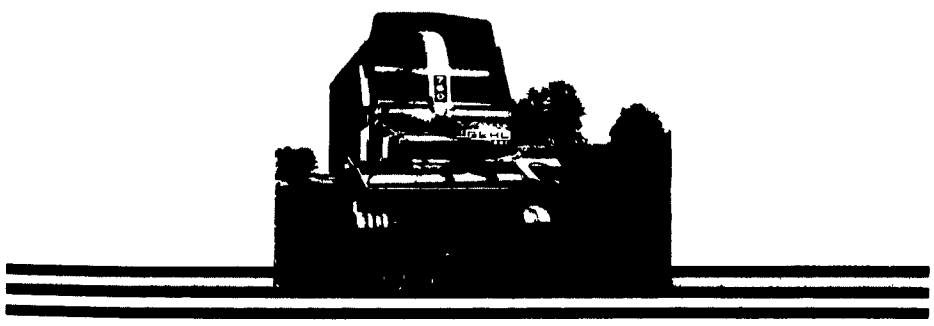
High performance features

A one way shear bolt protection system and the single station cutterbar adjustment are standard. Options include an overrunning clutch in head, hydraulic knife and cutterbar sharpening system, bevel extenders to improve uniformity of cut in dry corn silage without power consuming screens and a haylage water tank to prevent gumming.

Choice of attachments

Built for use with tractors from 60 to 150 hp, the 760 can be equipped with a wide variety of attachments, from one row and wide or narrow two row corn attachments to high capacity 6 foot and 7 foot hay pickups.

If you're looking for a solid, reliable, efficient machine that's also economical, see the 760 forage harvester at your Gehl dealer today. Gehl Company, West Bend, WI 53095



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Susquehanna River Celebration To Examine State's Bay Connection

HARRISBURG — Did you know that during the ice age, the Chesapeake Bay was the Susquehanna River? Or that even today, the Susquehanna supplies 51 percent of the fresh water entering the Bay?

At the 1986 Susquehanna River Celebration on June 14 at Riverfront Park, these and many more facts about the Susquehanna and Chesapeake can be learned. Education about the Susquehanna-Chesapeake connection is especially important since scientists recently discovered that pollution from the Susquehanna is contributing significantly to the bay's decline. A major problem was found to be fertilizer and manure runoff from Pennsylvania agricultural lands.

Displays and expertise about the bay will be provided by the Citizens Program for the Chesapeake Bay, the Chesapeake Bay Foundation, the Department of Environmental Resources' Bay Trivia Quiz Board and Mobile Nutrient Lab, the Dauphin County Conservation District, the Soil Conservation Service's Farming for a Cleaner Chesapeake display and others. In the Theatre Tent, bay related programs including the slide presentation "Chesapeake Bay: Barren or Bountiful" will be given.

Musician and Folklorist Tom Wisner will be singing and telling tales of bay watermen, skipjacks, ecology and man's use of the bay several times during the event.

A milk cow will be at the celebration and may provide some insight as to how manure is causing problems in the bay. The Department of Environmental Resources' Mobile Nutrient Lab will perform testing of Susquehanna River water throughout the day for nutrients and may be willing to analyze cow manure if asked by a participant.

If you are a farmer, the Department of Environmental Resources staff will bring you up to date on the Commonwealth's Chesapeake Bay Program and can tell you if you're in an area that is eligible for cost-sharing funds to improve soil conservation or manure handling practices on your farm.

Every one of us contributes in some way to the Bay's problems. The 1986 Susquehanna River Celebration can provide you with the knowledge and insight necessary to reduce your impact on your local creek, the Susquehanna and the Chesapeake Bay.

Schools To Receive Bonus Flour Under USDA Program

WASHINGTON — School lunch and breakfast programs will be able to receive unlimited amounts of flour under a new program announced recently by the U.S. Department of Agriculture.

Effective immediately, according to Secretary of Agriculture Richard E. Lyng, states may receive an unlimited amount of flour for their schools once they use the amount of flour they traditionally receive. The additional, or bonus, flour will not be counted as part of the states' regular allotment of USDA donated foods.

"We are taking this step in an effort to increase flour consumption and reduce the stockpile of surplus wheat that USDA is holding. We believe we have found a way to use extra flour in our schools without causing excessive displacement of commercial sales," said Secretary Lyng.

Last year, schools ordered over 180 million pounds of USDA flour valued at $22 million. Much of it is used in school kitchens to make bread, rolls and other bakery items. Some is sent to commercial food processors and made into items such as pizza dough and hamburger buns under processing agreements negotiated by the schools and states. Ths announcement is being made now so schools may make plans for next year.

"By making flour available to states only after they use their usual amounts, we will minimize the displacement of commercial sales. So, farmers will not be hurt by USDA introducing wheat on the market from Commodity Credit Corporation stocks," Lyng said.

In addition to state and local processing agreements, USDA operates a National Commodity Processing System. As with the state systems, national commodity processors will be eligible to receive free "bonus" flour for sales made in states that have exceeded traditional usage levels.

Making the free flour contingent on states reaching traditional use levels will ensure that total flour use actually increases.

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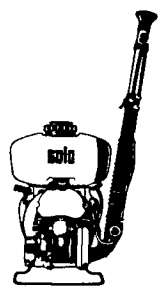

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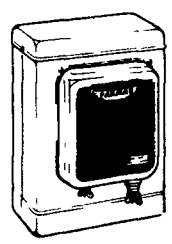

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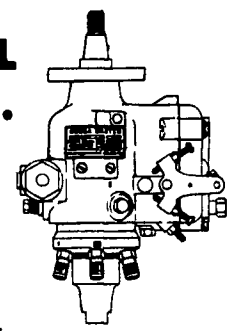

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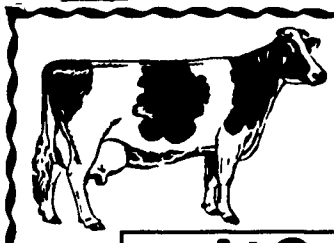

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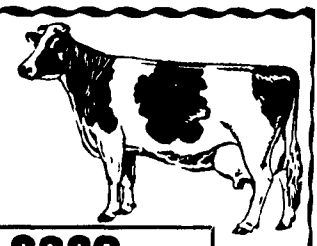

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Rural Areas Vulnerable to Crop Damaging Ozone

WASHINGTON – Ozone and other air pollutants are costing farmers at least $1 billion in agricultural crop losses each year, according to U.S. Department of Agriculture researchers.

"Farmers don't see ozone damage happening to their field crops, but it is," said Walter W. Heck, a plant physiologist who heads air pollution research at Raleigh, N.C., for USDA's Agricultural Research Service, in cooperation with the Environmental Protection Agency.

Damaging ozone is caused by a photochemical reaction of sunlight with automobile and industrial exhausts containing nitrogen oxides and hydrocarbons. It is different from the ozone layer in the earth's stratosphere that filters out ultraviolet sunlight but does not harm crops.

"Ozone is carried by prevailing winds, often for hundreds or thousands of miles," Heck said. "That's why rural areas, despite having fewer automobiles and industrial plants, often equal the ozone polllution levels for urban areas."

As a result, he said, crops far away from pollution sources are not necessarily safe from ozone.

"We see in field test chambers and in greenhouses that ozone is causing leaves of soybean, wheat, cotton, peanut and other agricultural crops to die prematurely, reducing yields and costing the farmer money," he said. "And the $1 billion figure doesn't include damage to horticultural crops and to forests."

Yield losses are based on crop studies done at sites across the country from 1980-82. Findings from 1983-85 are being compiled and analyzed, Heck said, and final results are expected in 1987.

Hecks's laboratory has been studying the problem since 1980 as part of the National Crop Loss Assessment Network, set up by EPA to get estimates of agricultural crop losses from ozone and other air pollutants.

A typical long-term concentration, or level, of surface ozone is .05 parts per million, Beck said. In test areas, ozone levels varied from about .04 to .06 parts per million during a seven-hour day, from 9 a.m. to 4 p.m. Over a growing season from April to September, he said, ozone levels fluctuated but averaged about .05 ppm.

That level can significantly damage crops when plants absorb it over an entire growing season, he said. Among the yield losses assessed to date in the NCLAN studies:

- Soybean yields also decreased 12 percent when exposed to .05 ppm of ozone in 1980-82 field tests at Argonne, Ill., Beltsville, Md., Ithaca, N.Y., and Raleigh.
- Winter wheat yields at Argonne were reduced 7 percent.
- The lowest reduction at .05 ppm was 1.5 percent in corn tests at Argonne in 1981 and for sorghum there in 1982.
- As ozone increased, yields declined for all the crops tested. At .06 ppm, for example, soybean yields were cut by 17 percent, and at .09 ppm the loss was 21 percent.

Ozone enters a plant as its leaves absorb carbon dioxide necessary for photosynthesis, in which plants use sunlight to form carbohydrates. When damaged by ozone, a plant's leaves will age prematurely and discolor, leaf cells will die, and photosynthesis and growth will decrease.

House Okays Rabies Control Bill

HARRISBURG – With a growing threat of rabies spreading through parts of central Pennsylvania, the State House of Representatives has passed a measure co-sponsored by Rep. Samuel Morris, D-Pottstown, to establish a statewide system for prevention and control of the disease.

The legislation, written with the aid of rabies researchers at Philadelphia's Wistar Institute, would combine the resources of the state Health and Agriculture Departments and the Pennsylvania Game Commission in efforts to curb the spread of the disease among domestic and wild mammals.

"The number of confirmed rabies cases went from 16 in 1979 to 450 last year, and appears to be more than doubling in 1986," Morris said. "This bill represents an all-out state effort to arrest the movement of rabies toward more populated areas and bring the disease back to normal, less threatening, levels."

Morris said the current outbreak of rabies originated in Maryland. It was initially confined to nine counties near the Maryland border, he said, but has spread to 30 or more counties this year.

Under the bill approved by the House, the Department of Health, in cooperation with other state agencies, would monitor cases of rabies in domestic and wild animals and declare designated risk areas of the state.

Within those areas, all dogs and cats over three months of age would be required by law to receive rabies vaccinations either through private veterinarians or through low-cost rabies clinics to be set up in affected counties.

Individuals, such as farmers and kennel owners, who had administered their own rabies shots to pets and livestock prior to passage of the bill would be allowed to continue doing so as long as they kept accurate records.

The bill (H.B. 2164), approved by a vote of 193 to 0, also includes strict reporting requirements covering animals which have bitten or otherwise exposed humans to possible rabies infection. These cases, and those involving animals suspected of having rabies, would have to be reported immediately to local county health agencies.

State and local agencies would also be involved in monitoring rabies cases and conducting public education campaigns on the disease in risk areas.

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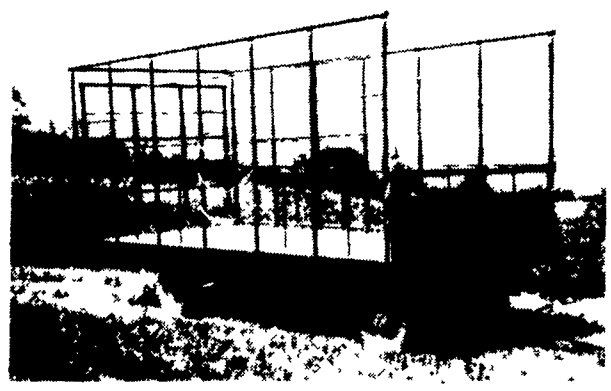

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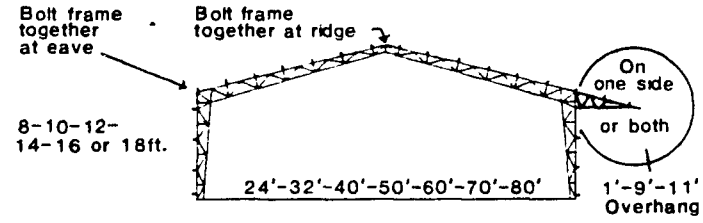

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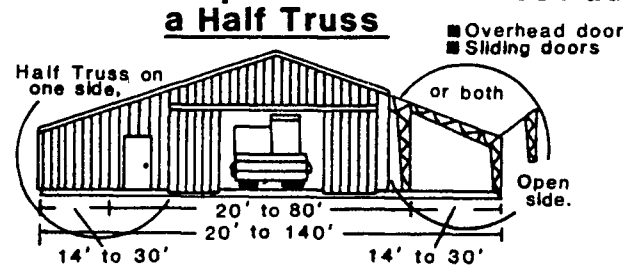

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License Fee Increase for Fruit, Vegetable Traders Proposed

WASHINGTON — The U.S. Department of Agriculture has proposed a $36 increase in the basic, annual license fee required for fruit and vegetable traders to operate in the produce industry under provisions of the Perishable Agricultural Commodities Act.

Joseph A. Gribbin, an official with USDA's Agricultural Marketing Service, said the increase is needed to assure that services to the produce industry are maintained through fiscal year 1989. Fees paid by licensees cover most of the cost of administering the program.

The proposed fee schedule would require a firm licensed under PACA to pay an annual fee of $216, plus $108 for each branch facility it operates in excess of nine. The maximum fee charged would be $1800. The current fee is $180, plus $72 for each branch facility in excess of nine, to a $1200 maximum.

PACA establishes a code of good business conduct for the produce industry and requires all interstate traders in fresh and frozen fruits and vegetables to be licensed by USDA.

Comments and exceptions, which must be received by June 20, should be sent to M.A. Clancy, PACA Branch, Fruit and Vegetable Division, AMS Room 2713-S, USDA, Washington, D.C. 20250.

Vegetable Growers Slate Field Day

UNIVERSITY PARK — The Pennsylvania Vegetable Growers' Association will co-sponsor a Vegetable Field Day with Penn State's Department of Horticulture and the College of Agriculture on Monday, July 21, at the Horticulture Research Farm, Route 45, Rock Springs.

The field day will feature variety trials of specialty and gourmet crops; use of row covers and tunnels for the production of sweet corn, romaine lettuce and cauliflower; tillage and planting methods for cabbage and snap beans; demonstrations on the effects of soil compaction on the growth and yield of several vegetables; nutrition and fertility studies with pepper, broccoli, melons, and beets; and weed control studies in pepper, carrot and pumpkin. In addition, insect and disease research plots will also be viewed during the day.

There will be a display of planters for seeding vegetables, especially gel seeding. An evening barbeque will round out the event.

Registration for the field day will be held at the Horticulture Research Farm beginning at 8 a.m. with tours to the research plots scheduled to begin at 9 a.m.

For further information, contact Michael D. Orzolek, 202 Tyson Building, Penn State, University Park, Pa. 16820 or William Troxell, PVGA, R.D. 1, Box 392, Northumberland, Pa. 17857-9724, phone 717-473-8468.

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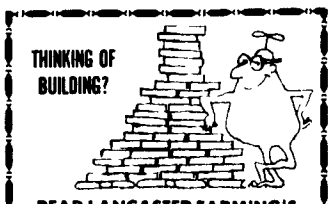

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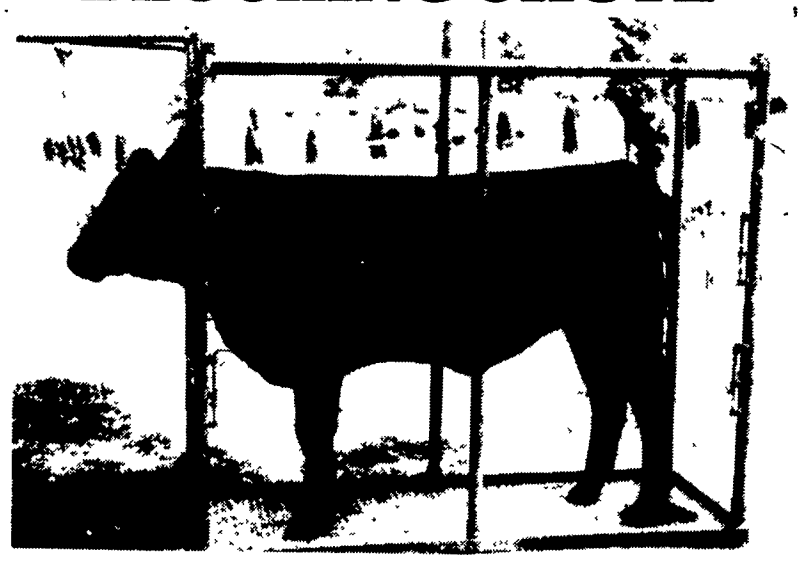

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Winpower and Surge PTO alternator. Cumberland Co., PA 717-766-4382.

1951 federal 5 ton model 456B4, only 6000 miles, original tires, some rust. Make offer. Lanc. Co. 717-529-2466.

Cocker Spaniel bird dog puppies, white/tan mother great hunter. Lebanon. 717-274-5112.

Male mute swan, 4 yrs. old, proven breeder, excellent condition, $250. Will deliver for small fee. York Haven, York Co. 717-938-4040.

Jamesway shuttle stroke barn cleaner, complete. Must be removed. 12 stanchions, 48 sawed, tapered locust posts. York Co. 717-225-1512.

Mini lop and dwarf bunnies w/papers. Dauphin Co. 717-896-3338.

Jack Russell terriers; 1 female fox terrier; Jack Russell terrier stud service. Adams Co. 717-334-0400.

Harrowleaf job plants. Christian S. Miller, RD 3, Box 377B, S. Vintage Rd., Quarryville, PA 17566. Lanc. Co.

Wheel weights for WD AC tractor. 717-225-1045.

Pennsylvania and Maryland type tobacco plants. Lanc. Co. 215-445-5796.

2 seat Mennonite carriage w/hyd. brakes; also new oak 8x8x18' bale wagon on used 6T gear. $850 ea. 717-733-8434.

Used 36" belt drive ½HP fans without shutters, $100 ea. while they last. Leb. Co. 717-866-7565.

609 tobacco plants. Lanc. Co. B.S. Beiler, R1, Box 85, S. Vintage Rd., Christiana, PA 17509.

Ford 1000 D; JD B; NH 66 baler w/engine; Vicon fert. spreader; AC spreader; new head for Super A; hay stacker w/mower. Adams Co. 717-528-4914.

Purebred registered Dorset ram 1 yr. old from Penn State stock, nice. $100. 717-259-9945.

7HP Airens rear tine tiller; Colt 1903, 32 auto pistol; Ruger old army .44 cal. black powder pistol. 301-398-7680.

JD 317 lawn & garden tractor w/48" mower deck in like new condition. Lanc. Co. 215-267-2128.

One 3 section gan mow like new. David L. Zook, Sr., William Run Rd., Box 26, Christiana, PA 17509.

1982 Cimanon Cadillac, silver leather interior, new tires, 4 cyl. fuel injected, AC, AT, PS, PB, stereo cassette, extras. Asking $4,500/Make Offer. 717-653-1714.

Mist sprayers 3 and 6 gal. capacity; new and used diesel engines. Lanc. Co. 717-859-2797.

Rops w/hinged roof for JD 450-555 crawler loaders, $300. R1, Box 31, Narvon, PA 17555. Lanc. Co.

Two McCurdy grain bins w/running gear, one w/grain auger; 1977 4x4 Dodge Club Cab pickup. Lanc. Co. 717-548-2392.

Irrigating pump, 4" suction, 3" outlet. Also 4" irrigating pipe. Samuel B. King, R1, Willow Street, PA 17584.

Dunham Buxh, 3 phase, 3 HP, water cooled, cooling compressor, $800; Aryshire family cow, milking 50 lbs., freshened March 15th, $600. Berks, 717-933-8541.

1963 Harley Davidson motorcycle, Sporster model, good cond. Worth more, $2,600/BO. 717-548-3154.

Puppies, border collie and Australian Blue cross, good farm dogs. Alert and intelligent. Cecil Co., MD. 301-398-2751.

Log splitter, electric start, 10 HP, v/g/cd., $800; 1972 Ford 4 dr., new tires, overhauled engine, new trans., $500. Juniata Co. 717-734-3573.

Hay rakes. One IH rotabar, $200; one IH, $250. Both rubber tires. Southern York Co. 717-235-1549.

Trailer axles, like new cond. Complete w/springs, tires, rims and hardware. York Co. 717-993-3350 after 8 PM.

Int. 45 baler, exc. shape, $400. Ideal for small acreage. Used snow fence, $50. Berks Co. 215-856-7167 after 5 PM.

Will lend my 3, 1700 lbs. Belgians to amish farmer for the season. Faber, VA. 804-361-9023 after 7 PM.

Sportsman, Farmers: I have Bobwhite quail for restocking. Call now for prices. Burlington Co. 609-894-2855.

Neckover 16' stock trailer, 702 uni system. All attachments. 1,000 gal. Mueller milk tank, like new. Kent Co. 302-653-9668.

'78 Pinto, good shape, newly inspected, $750. After 3:30, 717-859-2433.

'76 Midas, 22' trailer and '77 Chevy Suburban. Both good cond. York Co. 717-235-4075.

Quarter horse, 11 yr. old mare, good pleasure horse. Must sell, $300. Lanc. Co. 717-684-3007.

McCormick 2 row trail corn planter #241, $100. Chester Co. 215-932-3089.

Liver chestnut, saddlebred, 10 year old, traffic safe and sound. Anyone can drive, 16.2 hands. Not enough speed for us. 717-656-3411.

5 HP medium temp, single phase refrigeration unit, used only 3 months, $1,200. Lycoming Co. 717-322-6526.

Submersable water pump in exc. cond. w/new ½ horse motor. Also sump pump, works automatic. Enos Esh, 142B Queen Rd., Gordonville, PA 17529.

NH 880 w/grass head, $550; Hesston 110 self propelled haybine. Bedford Co. 814-623-2425.

203 IH combine, cab, hume reel, good cond., 560 gas tractor. Needs repair, has belt pulley. 814-237-7523.

House trailer, 10x50, good cond. Perfect for mt. or beach home, $750. 717-932-3266.

McCormick Deering farm tractor model 10-20, old but runs. Cecil Co., MD. 301-287-5277.

Int. #10 grain drill, semi mounted, $500; auger 26'x4" Butler, $100. Cecil Co., MD. 301-658-3767.

1977 reg. App. mare. Always in ribbons. Eng. pleasure, western, driving and halter. Super youth pleasure or broodmare, $2,500. 717-263-0141.

NH 36 flail chopper, real nice, $975.; MF front weights, $20.; NH 30' elevator, $525. Cash. Lanc. Co. 717-653-5926

TANKS TANKS TANKS

MAILBOX MARKET
FOR SALE

4,000 wood corn crates, used once, like new, holds 4½ doz., .25 cents each. Balto. Co., MD. 301-687-1179

1952 8N Ford tractor w/loader, very good. $2,500. or Offer. Columbia Co. 717-752-7721

510 MF combine, cab, air cond., 13' grain head, 4 row narrow row corn head, very good condition, $13,000. or Best Offer. Lanc. Co. 717-786-3320 or 1887

Gehl 99 hi throw blower, good condition. Asking $1,000. Chester Co. 215-273-2571

Parts from Massey Harris Super 26 combine, Oliver OC46 including winch, cletrack including PTO, Farmall M crankshaft. Col. Co. 717-458-5959

6600 Sidehill combine, both heads, 2 years old, field ready. Must Sell Due To Health. Financing. 301-857-5448 after 6 p.m.

Ranch 16 acres, barn, garage, basement, steam oil heat, orchard. $69,900. Box 60, Groff Rd., Millington, MD. 21651.

Own your own hunting paradise, 144 acres Perry County, private rightaway, beautiful building site, $550. per acre. 904-793-3414

Singer 43-5 cylinder arm light leather machine w/treadle stand. Also 1/3 h.p. motor, good condition, $200. 717-724-3444

Kendal oil 40W drum nondetergent Onan w/generator, Onan w/trans. 1941 Chevy pickup for restoring. Westmoreland Co. 412-696-4225 evenings.

Oliver 1250 WF, 3pth tractor, $3,000. or Trade. 3/4 ton automatic pickup truck; 3pth Mott mower, $750. Chester Co. 215-255-4719

10' seeder, 12' disc, gravity wagon, wheel rake, Ford big round baler, post hole digger, livestock scale. Lycoming Co. 717-634-3222

Cat 933F crawler loader, A1 throughout, direct start, 85% undercarriage this machine, ready for hard work. $10,000. Firm. Berks. 215-367-8496

430 JD 20 h.p. diesel w/loader, PS, hydrostatic, weights, A-1 condition, used only 23 hr. Lanc. Co 717-560-0591 or 717-291-9106

Triplet Suffolk yearling, $60. Ewes 2 years and under and Barbados cross lambs, $50. each. Bucks Co. 215-822-1639

Wood silo staves for barn floor and tobacco rails, 3x4's & 4x4's. Chester Co. John Fisher, R.D.3, Box 32, Honey Brook, Pa. 19344.

Tobacco hoers, double transplanter needs barrels; JD offset disk 6', excellent shape; Spring harrow; Rabbit cages. Lanc. 717-684-5352

Singer 401 converted to treadle; Singer 4 thread overlock; new Rainbow vacuum cleaner; Kirby vacuum; Lifetime guarantee cookware set; Leb. Co. 717-866-555 For Paul. 215-488-1268.

44 bags, Gold Bond plaster, Kal Kate; Solid State Humidifier, $50. Lanc. Co. 215-267-2036

2 horse trailer, fair condition, $375.; 8½' all steel flat truck bed, new, $450.; 13' hay tedder, new, $1,500. 717-345-4882

AC WD tractor w/5' wood rotary mower, snow plow, $495.; Gravely riding mower, $850.; Int. baler, good cond., $450. Berks. 215-856-7304. Between 8 & 5.

NI 484 round baler, 1 yr. old, field ready. Leb. Co. No Sunday Calls. 717-866-2246

12' JD dump hay rack, $25.; Electric power plant 110-220 2500 watt, $350. Lehigh Co. 215-967-3957

Large freezer, 5' long, 3' wide, 3' deep, like new. Call for more details. Lancaster Co., Lititz, 717-626-5152.

Power King, 2414 tractor mower, front blade, chains, heavy duty tiller, hydraulics, like new! Together or separate. Carroll Co., 301-829-2787.

Double ring type tractor chains for 16.9x28" tires, new condition, $200. 717-224-4162, Wayne Co.

510 MF Combine, quick attach, both heads, 14' cultipacker, 12' Ford disc. 301-482-8452.

Quck Way valve grinding machine, $400. Cambria Co., 814-674-8119.

Farmec 24' hay grain elevator, 2 row hyd. cultivators for Farmall H or M, 3 pt. sprayer, 2-55 gal. drums. York Co., 717-235-5363.

Kicker for New Holland 268 Baler PTO driven, Luzerne Co., 717-333-4656.

Myers HC Ejecto water pump with ½ horse electric motor. Daniel Beiler, 78 S. Maple Ave., Leola, PA. Lanc. Co.

Amish quilts, also crib quilts, all sizes, woven rag rugs. 301-334-4660, Oakland, MD. Garrett Co.

Kingwise Elevator for parts, 12x40 concrete stave silo. 301-452-5663. Harford Co. after 6 p.m.

Portable hoof trimming stall, $350. 717-756-2757.

Farmall M, cub tractors. IH manure spreader, grain drill. Cultivators, fertilizer side-dressers, drawbar, plow, weeder, mower for Cub, Super A-V, A. Salem Co., N.J. 609-358-8625.

JD Magneto, 6' 3pt. Disc, PTO, sprayer seed cleaner, fence wire, insulators, small Hammermill, plows, scales, oil lube, grease, best offer. 607-546-2523. Schuyler Co.

Used Farmi Winch w/blade. Also Farmi Winch w/knuckleboom & log trailer. Noah D. Yoder, R1, Box 55B, Meyersdale, PA. 15552.

18' Silverline Boat, Evinrude 86 hp, power trim, Tri-hull, open bow, 8 passenger, Tee-Nee trailer. Lebanon Co., 717-867-2255 or 717-867-1280.

Yard Sale: June 12-19, Material clothing, 10 cents to 25 cents, couch, beds, antiques, quilts, books, patterns. Lebanon Co., Kleinfeltersville to Millbach, Eberly farm.

Purebred Jersey Heifer, 18 mo. old, $450. 2 Registered Holstein Bulls, $475 each. Berks Co., Pa. 215-682-6445.

Int. 76 PTO combine, good canvas, $150. Woods 10' offset rotary, $1,500, good. Carroll Co., MD, 301-848-6395.

Pair of 18.4x38 tires & tubes, good for duals. 50 Gal., auxiliary gas tank and mounting brackets. Dauphin Co., 717-564-1328.

MH Clipper Combine, 7' PTO, good cond. York Co., 717-292-1343.

1964 Int. Grain and livestock sides dump, 14', new paint, 4x2 trans. Will make exc. farm truck. Cumb. Co., 717-423-6142.

"Premier" two horse trailer, like new condition, $1,600/reasonable offer, 9½' self contained truck camper, $1,200. Berks Co., 215-689-5967.

Used Lark Guitar, good condition; Daisy B-B guns; 10 speed bike. Best offers. Lanc. Co., 717-665-3150.

1960 IH Pick-up truck, 4WD, engine in excellent shape, body and running gear need work, $250. Lanc. Co., 215-484-4849.

Swans, Wood Ducks, Mandarins, Tiel, Karklars, Snow, Egyptian, Barnacle, Canods, Geese, Peafowl. York Co., PA. 717-637-8906, answering service, 717-632-7771.

Irrigation pipe 2", 16 pcs 20', 1 pc 30', Bridgeport aluminum, very good condition, 9 rain bird sprinklers plus tees, plugs etc. $435. York Co. 717-428-1427

460 Farmall fast hitch w/3 bottom plow, good shape; Flagstone; Rototiller. Berks Co. 215-488-6734

1937 Chevy pickup, rough condition. Lanc. Co. 215-267-3986 after 5 p.m.

NH 404 crimper w/125 AC engine mounted, good condition. Lanc. Stephen Stoltzfus, 3038 Old Phila. Pike, Bird-In-Hand, Pa. 17505.

AKC German Shepherd, female, 2 years old. Also old perfection butcher stove and iron pot. Lanc. Co. 717-687-0606

Old barn boards 12"; Surge Alamo 40 milker pump; 609 Tobacco plants. John Stoltzfus, R.D.2, Box 142, Windy Top Rd., Christiana, Pa. 17509. Lanc. Co.

24' Tri-A gooseneck livestock trailer removal DD, 4½ ton feed bin, Beacon hay applicator, Hamp X Landrace Boars. Preston Bankert. York Co. 717-244-1244

Registered Bull, Marshfield Elevation Tony, records 28,381, Service age. $750. Christ Esh, 870 N. College St., Myerstown, Pa. 17067 Leb. Co.

Old wood cook stove w/water reservoir and warming closet, $125. York Co. 717-244-8891

NH 469 haybine, 10' double cultipacker, NI 40' elevator, Cardinal 20' elevator, 4 section harrow. Berks Co. 215-682-6266

Loader for model B AC tractor; JD sickle bar rear mount mower. Chester Co. 215-932-2288

Glass and plastic gallon jugs; Steel wheels from Ontario drill; 6" endless belt; Rabbit cages; 30" riding lawn mower. Manheim, Lanc. Co. 717-665-5728

Farmall H, $850.; 8' transport disk, $500.; Oliver 3B 14" plow, $150. Monroe Co. 215-681-5650 after 6 p.m.

Belt pulley upper cluster gear, JD MT tractor, $150. JD LUC 12v stationary engine restored, $500. Rockingham Co, VA, 703-828-6328.

Feed oats, $75/ton. Barley, $75/ton. Ear corn, $75/ton. Soybeans for seed, $7.50/bu. 90 Day seed corn. Phone 717-444-3968, Perry Co.

Registered Scotch Highland Cattle. Excellent bull calves & heifers for cross breeding. Hearty, carefree beef breed. NY State: 914/941-7797 (eves); 914/762-5555 days.

Tires: 4 almost new Firestone steel belted pigs/75R15 on Chev. Blazer wheels chrome edges, $30. each. Bucks Co. 215-968-2669

IH batteries (2) group 31 w/screw terminals. Never used. Cost $188. Sell $125. w/orig. receipt and guarantee. Balto. Co. 301-252-0166

10' roller conveyers, 4'x4' linen cutting table tops, bostitch box bottomer staples, SWC7437½, old Taylor ice cream machine. Leb. Co. 717-866-5555

1974 F100, 1971 F350 parts front hubs, front and rear springs, left fender, doors, gas tank, rear window, misc. Berks Co. 215-488-1268

Frost-free refrigerator-freezer, good condition, as is, $100. Chester Co. 215-383-5280.

6 steel bar joist, 40' long, 2' deep; also 24' Smoker elevator, very good condition. Del. Co. 215-459-0543.

Aluminum service wire, 3/4 & 1/6, 425 ft., used 6 weeks, $600 new. Sell for $400. Bucks Co. 215-297-5995 eves.

NH 404 conditioner, like new, less than 100 acres; IH Model 15 rake; Farmall H w/cultivators. Leb. Co. 717-949-3074.

Penlann tobacco plants. You pick them. Lititz, Lanc. Co. 717-626-0820.

IH W6 power unit, 40HP, in good condition, $800. John R. Peachey, HCR61, Box 37A, Belleville, PA 17004.

Set of double pony driving harness, good condition; 4 pony saddles; set of single driving harness. Lanc. Co. N.L. Martin, RD3, Ephrata, PA 17522. Hohnstorn Rd.

NI 12A manure spreader, good condition, $550 OBO. Lanc. Co. 717-354-5115.

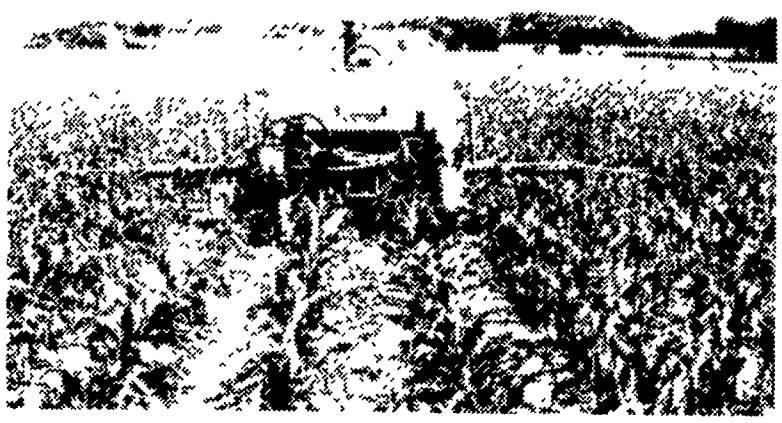
John Blue truck mounted field sprayer, 1,000 gal. tank on 1964 Ford 600, excellent condition. Asking $3,200. 703-896-7733.

Oats: approx. 600 bu., clean, $1.10; wheat straw, clean heavy bales, $1.50. Everything cash FOB. Shickshinny, Luzerne Co. 7AM or 10PM, 717-864-3563.

Sweet potato plants, all gold, centennial, $4/hundred. $1.35 for UPS. Rebecca S. Zook, Rt. 1, Box 380, New Holland, PA 17557.

Locust fence post, $1.75, sawed $3.90. Roofing siding 16' red, 38.00 per square, 4', 5', 8', 10', $24. Ephrata, R3, PA. 215-445-6885.

SIDEDRESS CORN?



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Research at Kansas State University demonstrated that CULBAC, a nonviable **Lactobacillus** product, produced more lactic acid and more total fermentation acids than live inoculant products. **(See Table).**

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Control	2.40%	9.68%	$5.36
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Live Inoculant-Enzyme-B	2.21%	9.70%	5.34
Live Inoculant-C	2.57%	9.41%	5.38
CULBAC	2.78%	10.67%	5.17

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For the livestock producer, these increases in the nutrient value of forage represent savings in the cost of supplemental feeds.

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Summary of Alfalfa and Corn Silage Research

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[illegible]	[illegible]	$.243	+12.4%
[illegible]	[illegible]	[illegible]	+11.6%

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MAILBOX MARKET FOR SALE

Saddlebred carriage horse, broke, lots of snap, 7 yr. Rufus Martin, RD1, Kramer Mill Rd., Denver, PA. Lanc. Co.

Corvair 1962, 4DR, rusted, all intack; also 1955 GMC 370, 1½ ton truck, 10 ton hoist, steel flatbed, good. Cortland Co., NY. 315-696-8602.

453 Detroit dsl. w/irrigation pump, 1,000 GPM; also 2,000' 6" irrigation pipe and fittings. Lanc Co. 717-665-7809.

Antique 4HP eclipse (hot tube), air cooled upright. Myrick machinery, Olean, NY $350. 717-792-0278 eves York Co.

Registered Morgan horses-Trophy Grandson yearling, $750. Beamington Granddaughter 7 bred, green broke, 2 fillies Non-Morgan 3, $300 ea. 301-293-2693.

1972, F600 Ford, 26,000 GVW, new bed, tires, dump, good cond. Also 1979, ½ ton Chevy pickup. Lanc. Co. 717-354-8232.

Reg. Hampshire ewes and rams w/papers or without. Steward Ebersole, RD3, Box 352, York, PA 17402 York Co. 717-741-2222.

2R mechanical transplanter w/275 gal. tank, good condition, $600. Lanc. Co. 717-285-5413.

Heavy duty hydraulic press w/33HP electric motor w/5½" cylinder, 18" stroke; dry ear corn; 10' harrow. Lanc. Co. 717-354-5060.

International 650 harvester w/late style wide row corn head and electric controls, $1,000. Lanc. Co 215-267-2459.

10,000 tobacco lath, $10.50 per hundred. Paul N. Hoover, R1, Box 448, East Earl, PA 17519.

Tobacco cultivator, 10HP, runs, $135. W.H. Martin, Rt 1, Box 344, Newville, PA 17241.

DeLaval weigh jar, 65 lb., lot of 1½" gloss line; Boumatic receiver jar, double inlet. Franklin Co. 717-352-2266.

4R JD cultivators, front mounted; AT 40's NH hay crimper. 717-993-2437.

8'x8'x14' hay wagon; 2" spruce flooring; JD running gear, $550; IHC 1600 complete whole or for parts. After 5PM, 215-286-5434 or 286-5311 Berks Co.

Two row JD cultivator. Columbia Co. 717-458-4262.

MF 510 dsl. combine w/grain head, $2,500; NH 369 tandem axle tank spreader, $850. Cumberland Co. 717-776-7888.

High quality bred Jersey Heifers due August on and calf to high production Al sires. Eves., 302-378-8454.

4' hog slats, $100 Leb. Co. 717-949-2665.

Acetylene cylinders, used, 225CF size, also can get oxygen tanks. Fulton Co. 717-987-3732.

AC WD-45 dsl., good condition, $900; Massey Harris SP combine, #26, good condition, $650. Sch. Co. 717-386-4091.

2 Standardbrfed carriage horses; one 7-year old, 17 hands, trot & pace, ready for trips; one three year-old, solid trotter. After 5:30PM, D.S.T. J.P. Beiler, R1, Box 319, Kirkwood, PA, Noble Rd.

10.45 acres. Asking $2,400. Schuylkill Co., Washington Twp. 717-345-4287.

100 PA Farmer magazines in early 1920's; The Pathfinder and the National Stockman and Farmer, in years 1919 & 1920's. Cumberland Co. 717-243-4305.

Oliver 50 baler for parts, 1 broke needle. Best Offer. West. Co. 412-834-8409.

45 inverted V tie stalls, $500 or Best Offer for all. Can Deliver. Wayne Co. 717-253-2063.

Group of good quality springing holstein heifers. Lanc. Co. 717-284-4618.

JD 45 combine, 12' grain head, hume reel, 2R 235 corn head, good condition, $2,500. Bucks. After 6PM, 215-346-8409.

NH Super 68 hayliner baler w/bale thrower, $1,000. Warren Co., NJ. 201-475-4656.

1967 Int. 500 dozer, 6-way blade, runs fine, needs some work, $1,800 or Best Offer. 201-383-0929.

Toy Fox Terriers, Reg., wormed, docked and innoculated, males and females. Parents can be seen, $125, $150. Chester Co. 215-932-5797.

Antique horse drawn cutter (sleigh). Shafts for single horse. Needs repairs, $250. Central, NYS. 315-735-2044.

880 David Brown tractor, overhauled; 6 acre alfalfa hay; 300 heavy gas tank; Gas Boy electric pump. Lanc. Co. 717-768-8393

Black Lambs, all twins, parents have beautiful fleece, should be ready to breed by Fall. Near Ephrata. 717-738-2125

Orchard Grass Hay, 2nd cut, no rain, good horse hay, very good quality. York Co. 717-755-4785

AC D17 tractor w/snap coupler & rear lift, in good running order. Lanc. Co. 717-687-0102

Bale Thrower no.22, Asking $600.; Baler thrower, Asking $1,400.; Plunger majored, new belts on thrower. Berks. No Sunday Calls. 215-683-3094

#609 tobacco plants. Alvin M. Hoover, Box 608, Hahnstown Rd., R.D.3, Ephrata, Pa. 17522. 1 mile east of 322. Lanc. Co.

Service age Holstein Bull, Dam has records over 20,000. $600. Christian S. King, 480 Hammercreek Rd., Lititz, Pa. 17543.

(4) 750x16 6-8 ply truck tires, no breaks, some tread. $16. for all. Berks-Lehigh Co. 215-756-6285

1963 Chev. dump truck, 33,000 gross, air brakes, 2 spd. rear, 8'x10' bed, Asking $1,800. York Co. 717-235-3487

594 JD hay rake. Also material bucket w/manure fork. Lanc. Co. 215-267-5209

1952 Farmall Super C w/front end loader, snow plow, sickle bar, log splitter, fine shape. $2,500. 201-647-2068

NH 269 baler w/super sweep and thrower, working condition. Must See. Berks Co. 215-488-1816

(2) 960 self unloading Gehl wagons, tandem axle, roof, like new, $4,500. each; Wooden feed bins. Bucks Co. 215-968-2192 or 2811

Oliver 70, $250.; Cult's for MH 101 60 Desota, $450.; Farmall Cub plow, cults., rotary mower, $35. O.B.O. Leb. Co. 717-469-2413

Reg. Polled Hereford bred heifers, bred to Sterling. Also cow/calf pairs, bred back. Reasonable. Hunterdon Co., NJ. 201-996-4769

35' trailmobile flatbed trailer, spread axle, Asking $2,700. Cecil Co., MD. 301-287-5277

[illegible] brakes, in good condition. Also Standardbred driving horses. Lanc. Co. 215-267-3695

(7) 15"xGR78 tires on rims, fit Ford or Dodge, 4 are radial, 70% or more tread, about 1/2 price. Newark, Delaware 302-731-5505

NH 451, 3 pt. mower, $775; Oliver grain drill, $675; NH 269 baler, $675; NH 33 flail chopper, $595; JD 215 silage wagon, $895. 717-354-0266.

2 Registered Holstein heifers due July. Also 1 AC hay rake for parts, $100. Reuben S. Allgyer, RD2, Parkesburg, PA 19365.

1980 Terry 20' travel trailer (light weight), full self-contained, excellent condition. Ready to travel. Lebanon, PA. 717-273-7394.

Must Sell! JH 2010 NF on steel, $1,700; Badger silage wagon, 3 beater, 14', $1,100. Lanc. Co. 717-733-7069.

MF rigid grain head, quick-tach, 16', good, $650; 13' Brillion cultimulcher, needs repair. Can Deliver. $325. Juniata Co. 717-694-3095.

Barrel horse, 12 years old, child safe, good on trails; also 2 ewes, 1 lamb. 717-949-3259.

Child's western saddle, English saddle, grey western chaps, southdown ram, ewes, yearlings, and lambs. Dauphin Co. 717-367-4674 or 944-3977.

Sorrel standardbred driving horse, traffic safe, sound, $550. Melvin A. Beiler, Rt. 1, Box 253, Gap, PA 17527.

New top flanges and fronts for 206 spreader; also Perkins power unit, 3 cylinder, rebuilt, $1,600. Lanc. Co. 717-656-9596.

30'x69' barn being torn down. Timbers, roof rafters, weathered siding. After 6PM, 717-426-1539. C. Roy Bixler, RD1, Marietta, PA 17547.

IH 227 corn head; IH #10 bale thrower; 14' lockwood bulk box, John Bean air blast sprayer. Lehigh Co. 215-767-2234.

9x7 garage door; 8x7 garage door; 7' JD disk harrow. Berks Co. 215-488-1541.

End of lane, front yard vegetable sales stand. Enclosed 7'x8' trailer opens quickly on all sides. Bins, shelves. Lanc. 717-872-2646.

5 yr. old saddlebred horse bay mare, good driver. Ready for work, $900. Lanc. Co. 717-354-9902.

'72 AMC Hornets/wagon, AT, PS, B. title, $500 OBO. Ford 6 cyl. 240 cu. in. engine, $200. Berks. 215-562-7457.

MD4 bar rake on steel, field ready, $85. Pair 10x28 tires, $20 ea. York Co. 717-235-2032.

Smooth mouth mare pony, tame for children, sound, $120. Isaac Zook, ½ mi. S. of Intercourse.

Used 18' barn siding, flooring, gerders, joist, metal roofing, 15' rails, chimney block, windows. Lanc. Co. 717-866-2091.

Clean Barley-Wheat Straw, out of field; Nice heavy barn timbers, fur & pine; Extra soybean seed. Can Deliver All. Lanc. Co. 717-569-7929

(3) Generators, all PTO on wheels; 1 Martin, $950.; 15 KW, 1 Fidelity 30KW, $1,950.; 1 Fidelity 35KW, $2,500. Lanc. Co. 717-733-8193

MAILBOX MARKET WANTED

Used or new rear tractor tires for Farmall Cub turf diamond tread 8x24. Lanc. Co. 717-354-9127.

Pickup baler w/thrower; JD or NH. York Co. 717-266-3583.

Good used 8' kitchen sink base w/or without sink bowls, metal or wood. 717-626-4465.

Old safes. We buy and sell safes. Any place, any cond. Lanc. Co. Call collect, 717-687-6412.

Screen for NH 770 harvester w/1" holes. Tioga Co. 717-724-4509.

1 horse wagon. Call or write w/price & cond. RD1, Box 1424, Spring Grove, PA 17362. 717-225-1045.

Grain head and narrow row corn head for NH 975 or 985 combine; also 5,000 bu. grain bin. Lanc. Co. 717-354-9368.

Small milk tanks, 150 gal. and up. 703-337-1669 eves.

IH TD91, TD92, TD61 or TD62 track loader in good cond. Carbon Co. 717-386-4184.

Small round corn crib, 600-800 bu. A Liebno, 2311 Bear Run Rd., Taneytown, MD 21787.

Complete wide front end off Deutz 9006; hammer mill magnets and automatic egg gatherer belt. 717-354-5691.

G.E. 30 or 40" electric range, prefer gold or brown color, in good cond., Lanc. Co., 717-733-0934.

8' Stone rake, 10 to 12' pull type rotary mower, must be in good condition, Broome Co., N.Y., 607-797-0815.

A pair of American Guinea pigs and a pair of Abbys. Must be show quality. 717-949-3129, Lebanon Co.

Ford 2000/3000 tractor or JD with or without equipment for small farm. Must be good condition. Chester Co, 215-593-6238 anytime.

PTO bale thrower for Int. 45 baler. Reasonable. Dushore, Sullivan Co. 717-928-8501 from 7 a.m. to 5 p.m.

10 to 20 acres w/suitable building site in Union Co. 912-933-5339

745 wide row belted corn head to fit 3300 Fox pull type chopper. Balt. Co. 301-374-2576 after 7 p.m.

Telephone poles for posts; wholesale quantities of nusery stock; dog kennels; large quantity fill dirt; flat landscaping rock; gang mowers. Chester Co. 215-363-2461

Milking Goat; Pony Bridle and Saddle. Lanc. Co. 717-354-6066

(700) 8" concrete blocks. Abram Stoltzfus, 2936B Stumptown Rd., Ronks, Pa. 17572. Lanc. Co.

A rear tined rototiller at a reasonable price. Berks Co. 717-933-4318

Old milk delivery wagon. Northld. Co., Pa. 717-648-5430 or 648-8736

Trade OMC 540 stacker and mover, like new, on round baler of equal value. Dealers invited. Franklin Co. 717-597-7743

Border Collie puppy. Lebanon Co. 717-865-3602

NH skid loader, model 425, 445 or L35, in working order. Burl. Co. 609-859-3297

Used railroad ties. Lancaster Co. 717-656-7868

Cattle catching gate or squeeze shute. 717-656-9548

New or used sand blaster, commercial type w/at less 200 lbs. capacity. Cecil Co., MD. 301-287-5277

Used 3' wide bucket for Case 580 backhoe. Berks Co. 215-777-1630

16H, gentle, steady, drive and ride gelding. Henry Bryans, 12 Farm Rd., Wayne, Pa. 19087. Del. Co. 215-688-2468

Used 5' or 6' 3pth rotary mower, heavy duty type; Used 12.4x36 tractor chains. Rick Kaufmann, Perry Co. 717-789-3729

Young Amish family with cows and equipment wishes to rent farm. Reply to Lancaster Farming, P.O. Box 366, L-103, Lititz, PA 17543.

MAILBOX MARKET NOTICE

If interested in asbestos shingles, call 717-393-4783 eves. Lanc. Co.

FREE: 3 Young Bantam roosters, 215-857-9757

Lease 300 acres and old farmhouse, excellent hunting deer, bear, turkey, joins State ground. Lyc. Co. 717-745-7627

AKC Cocker Spaniel Stud Service. Lancaster Co. 215-445-5265

For Rent: 30 acre farm, Airville, near Normanwood Bridge, 3 bedroom house, barns, silo, stream, pasture. Lots of possibilities. Make Offer. 301-329-6842

Sale Reports

A 2 Day Sale of antiques was held June 6 and 7 by Paul R. Bupp and the late Edith K. Bupp, Poplar Hill Rd., Adams County, Pa. There was a good turnout at the auction.

Some prices included: Postage Stamp quilt $600, 3-door upright ice box $425, trundle rope bed $410, zinc-top dry sink $520, Home Comfort range $160, dry sink $200, hall rack $425, #18 Elgin 7 jewel gold watch $192 and rope bed $85.

The auctioneers were Melvin Sensenig and Lamar Sensenig.

XXX

MAILBOX MARKET AD FORM

(Attach Your Mailing Label Here)

Check One:

For Sale _____ Notice _____ Wanted _____

1	2	3	4
5	6	7	8
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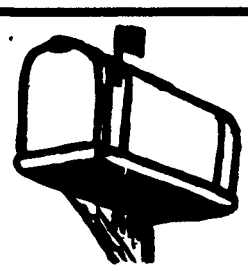

FREE

Subscribers to Lancaster Farming will receive one advertisement FREE each month in our Mail Box Market Subscribers using the Mail Box Market will be governed by the following rules

Limit your advertisement to 20 words; area code must be added to phone number and, due to repeated requests, please include your county for buyer and seller convenience, all advertisements must be mailed to the office by Monday or same will be held over for next week's paper; no business ads accepted.

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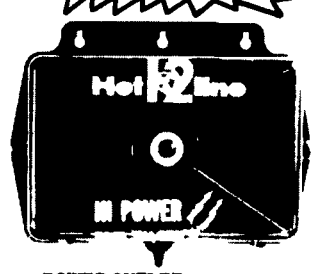

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BARTVILLE HARNESS SHOP, RD 1, Box 241, Christiana, PA 17509
STOLTZFUS HARNESS SHOP, R#4, Box 13, Honey Brook, PA 19344
TIM'S DIESEL SERVICE, Star Route Box 2, Rebersburg, PA 16872
BARLOW ENGINE REPAIR, 290 Schwartz Road, Gettysburg, PA 17325
DAVID A FISHER, 4109 East Newport Road, Kinzer, PA 17535
BENJAMIN K. BEILER, 431 Gridley Road, Lancaster, PA 17602
M.K. WOODCRAFT, 15653 Burnt Mill Road, Newburg, PA 17240

Sale Reports

A Country Public Auction of farm machinery and antiques was held June 7 by Joseph A. Cain, north of Bel Air and between Forest Hill and Hickory, Md. There were over 400 people at the sale.

The 31.56 acres was sold for $194,000 and included a frame farm house, 2-car garage, bank barn, machine shed and other outbuildings.

Some other prices received were: Int. 200 tractor $1800, 6 pieces of 2 pt. hitch machinery for tractor $100 to $250 each, corner cupboard $500, blanket chest $450, pie safe $200 and butcher block $225.

O'Neills Auction Company conducted the sale.

XXX

A Public Auction of household goods was held June 7 by Dwight McCardell, south of Quarryville on Schoolhouse Rd., Lanc. Co., Pa.

Some prices were: picnic table $102.50, desk & bookcase combination $180, RCA television $195, diningroom table & 2 chairs $200, washstand $235, hutch $285, Maytag washer & dryer $120 each, dehumidifier $110, air compressor $280, 10 hrp. wood splitter $620, flat bed wagon $875, and Kubota diesel 4-wheel drive $5550.

Auctioneers were Lloyd Kreider, Randal Kline, Roy Good & Gary Shirk.

XXX

A Public Sale of real estate and household goods was held June 7 by Dorothy M. Nye along Route 272 near Reamstown in East Cocalico Twp., Lancaster Co., Pa. There were about 275 registered bidders at the sale.

The 2 story brick dwelling with an attached garage on a double lot zoned commercial was sold to Frank Zimmerman, R.D. 1, Ephrata, Pa. for $50,500.

Other prices were: 1973 Ford pickup truck $550, Craftsman 18 h.p. garden tractor $1325, grinder-polisher $47.50, Acetylene torch set $110, Stevens .22 caliber rifle $135, Stevens 12 gauge shotgun $115, Sanyo Beta video cassette recorder $190, 2 upholstered recliners $80 & $90, oak washstand $90, metal porch glider $60, 1853 $1 gold piece $195, and 43 silver dollars $12 to $15 ea.

The auctioneers were T. Glenn and Timothy G. Horst.

XXX

A Public Auction of an irrigation system and collectibles was held June 7 by Frank Felty, Sr., R.D. 1, Auburn, Schuylkill Co., Pa.

Some prices included: Ford Model 800 tractor $1990, brush hog $310, butcher kettles $40 to $60, dolls $20 to $80, teddy bear $180, E.C. Brimser grain cradle $47.50, Coca Cola coolers $40, blacksmith tools $5 to $20 each, 8 qt. sausage stuffer $42.50, irrigation system $510, 175th Anniversary of Schuylkill Haven book $17.50, kerosene lamp $42.50 and fishing rod $21.

Jay Riegel, Jr. was the auctioneer.

XXX

A Farm Dispersal was held June 7 by Timothy Eldridge, 2 miles from Sabinsville, Pa. The 34 head of mature Holstein cows averaged $600 and the top cow sold for $870.

Other prices were: J.D. 2640 tractor $5600, J.D. loader for 2640 $2500, J.D. 24 T baler $1700, Badger unloading wagon $1600 and J.D. haybine $900.

The sale was conducted by Beards.

XXX

A Public Sale of household goods and sporting equipment was held June 7 by John H. and Elva Peifer Martin, 2 miles west of Leola at 2270 New Holland Pike, Lancaster, Pa. There were 212 registered bidders attending the sale.

Some items sold included: 7 h.p. Troy-Bilt rototiller $640, lawn sweeper $95, lawn mower $260, gas pump $100, hutch $400, table & 6 chairs $360, gun cabinet $360, refrigerator $320, Maytag washer $300, electric stove $360, set of china $160, duck gun $340 and 1983 Chrysler 4-door car $6200.

The auctioneers were Robert E. and Jeffrey R. Martin and Frank L. Steller.

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Public Auction Register

JUNE

MON. JUNE 16 - 10AM Truck Tractors, Van Trailers, Reefers. Complete Liquidation of Richard D. Foltz Truck Fleet authorized by The Eastern District of PA. Directions: Bethel, PA, is 40 mis. W. of Allentown, PA, on I-78. Get off At Exit 3, the Bethel Exit. Sale site is ½ mi. N. of the Square in Bethel. Ebersole & Shoop, Aucts.

MON. JUNE 16 - 5PM HH Goods, Tools, Cars, Garden Tractors. Located just off E. Main St. (Rt. 322). (N. off Main St. at Edgar Martin Electrical Service, first lane, turn left), Ephrata, Lanc. Co., PA. Terms by: Stanley M. Martin. T. Glenn & Timothy G. Horst, Aucts.

MON. JUNE 16 - 10AM Vehicles, Sawmill, Eq. & Inventory. Located Farm Products Distributors, Inc., Bally, PA. Traveling N. on Rt. 100 into Bally turn right at the Boyertown National Bank onto Seventh Street. Auction is 6/10 mile on left. E.M. Murry Associates, Aucts.

MON. JUNE 16 - 11AM Farm Mach., Tools. Located 74 Leeds Rd., Elkton, MD. From Elkton go N. on Rt. 213 to Moose Lodge, turn left on Leeds Rd., go past next stop sign (Blue Ball Rd.) to next stop sign, bear right, 1st farm on left. Stanley N. Gifford, Owner. Harry Rudnick & Sons, Inc., Aucts.

MON. JUNE 16 - 10AM New & Used Farm Eq. Ag.-Ind. Equipment Co., Inc., Rt. 273 approx. 3 mis. E. of Rising Sun, MD, Cecil Co. Aberdeen Sales Co. Inc.

MON. & TUES JUNE 16 & 17 - 10AM Ea. Day. 2-Day Antique Auction Troxelville Auction Gallery. From Harrisburg, PA, take Rt. 15 N., go to Rt. 104, left to Middleburg, go left at light at Square onto Rt. 522 to Beaver Springs, turn right 4 mis. to auction. C.P. Jacobs, Jr., Roy L. Martin, Aucts.

TUES. JUNE 17 - 4:30PM Fine HH, Appliances, Tools, Coins. Located 46 Knollwood Dr., Akron, PA. Rt. 272 to Ephrata at Wendy's turn W. onto Rothsville Rd. Rt. onto Heritage Rd. Rt. onto Knollwood Dr. Terms by: John W. & Kathryn Z. Witters. T. Glenn & Timothy G. Horst, Aucts.

TUES. JUNE 17 - 8PM Pietrak Farm Eq. Auction, Bath, Steuben Co., New [illegible] on Shauger Rd., just off the Babcock Hollow Rd., 6 mis. S. of I-17 Expressway Exit 39, or 3 mis. N. of Rt. 333 at Risingville. Pirrung Aucts., Inc.

TUES. JUNE 17 - 7PM Heifer Sale at Green Dragon Livestock Sale, 1 mi. N. of Ephrata on State St. Walter Risser, Proprietor.

TUES. JUNE 17 - 11AM Estate of Larry Morris. Farm Mach., Produce. Located County Rd. #8 (Skyline Drive), 2 mis. S. of Rt. 79, 5 mis. N. of Rt. 224, 5 mis. N. of Montour Falls, 4 mis. NE of Watkins Glen. Harris Wilcox, Inc., Aucts.

WED. JUNE 18 - 5PM Farm Eq., Tools, Chicken Eq. Located 791 E. Main St., Ephrata, PA, Rt. 322. Terms by: Florence S. Sweigart. T. Glenn & Timothy G. Horst, Aucts.

WED. JUNE 18 - 1PM Special Dairy Promotion Sale. Promotion by: Belleville Livestock Market & Mifflin County Dairy Promotion Committee. Located Belleville Livestock Market, Belleville, PA.

WED. & THURS. JUNE 18 & 19 - Major Construction Eq. & Material Sale. For: VA Power, Hot Springs, VA. Vilsmeier Auct. Co., Inc.

THURS. JUNE 19 - 6PM 24 Acre Gentleman's Farm, Antiques & Collectibles, Truck, Farm Mach. & Tools, HH. Located approx. 11 mis. N. of Harrisburg along Rt. 225. Turn W. onto Mountain Rd. on N. side of Peter's Mountain. 1 mi. to sale. Estate of Ollie M. Roadcap. David D. Deibler & Ed Shoop, Aucts.

FRI. JUNE 20 - 6:30PM Feeder Pig & Feeder Cattle. Keister's Middleburg Auction, along Rt. 522, Middleburg, PA.

FRI. JUNE 20 - 5:30PM Gap Auction. Antiques & HH goods sold at every auction. Located off Rt 41, Lancaster Turkey Hill Minit Mkt., cross RR bridge. Ira Stoltzfus & Son, Aucts.

FRI. JUNE 20 - 5:30PM Real Estate, Tools, HH. Located along S. Farmsville Rd., Farmsville, PA, Lanc. Co. For: Geo. Getz. Ben Habecker, Auct.

FRI. JUNE 20 - 10AM Real Estate 42 Acres M/L. Located along Mohler Church Rd., Ephrata Twp. & Ephrata Borough, Lanc. Co., PA. Mohler Church Rd. is on East side of North State Street, Ephrata, PA. For: A Residual Trust under Will of Anthony F. Bordogna Sr. etal. E.M. Murry Assocs., Aucts.

Barry Hurchalla
Auctioneer
(215) 323-9237

ANTIQUE TOOL AUCTION

The amazing collection of James Sorber, noted lock, iron, and hardware collector. We will be selling Mr. Sorber's tinsmith tools, woodworking tools and some of his blacksmith tools.

JUNE 21, 1986 - 10 A.M.
"On Site", 4 Kirkland Ave.
West Chester, PA
(Just off Rt. 100, Behind Brickette Lounge)

IN THE BLACKSMITH LINE I SEE:
Swedge blocks, hardy's post vises, tongs, forge blowers, a horned anvil, hammers, bolt headers, iron caulking machine, and more.

IN WOODWORKING, I've found some of the rarest plane maker's you could want. To name a few: G. White, Phila; I. White, Phila; Wm. Souder, Phila; Goldsmith, Phila; **T. Napier, Phila;** D. Colton, Phila; John Veit, Phila; J. Colton, Phila; **Probasco, Phila;** B. Sheneman, Phila; **Massey, Phila; Kneass, Phila;** Parrish, Phila; Henry White, Phila; John Bell, Phila; **Martin, Phila; Butler, Phila; I. Stall, Phila;** R. Keen, Frankford; Jn. Gordon; E.W. Carpenter; Auxer; M. Long; They'll all show up. How about **J. Fuller, Providence,** does that ring a bell?

FOR TIN WORKER'S we have enough machines to outfit 3 shops, ranging early 19th century to late 19th century. Stake hammers, forming hammers, tinsmith horns, mushroom stakes, needles, blowhorns, benders, wire machines, crimpers: All nice goods. Whether it be for use, or to outfit a period tinsmith shop, we probably will have what you're looking for.

Slicks and chisels, wood brace, froe's, saws, axes, routers, foundry tools, miter jacks: A lot of everything.

Sale held rain or shine; we will be under tent. (Bring you lawn chairs.) Food and potty on premises.

Come out for a nice country sale, devoted entirely to the world of tool collecting. Sale will be **uncataloged** but will be tagged for easy identification (names, dates, etc.)

AS ALWAYS:
No Reserves, No Absentee Bidding,
No Buyer Premium

For Info. Contact:
BARRY HURCHALLA - Auctioneer
R.D. 2, Box 558
Boyertown, PA 19512
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Lic # AU-001902-L

SALE NUMBER 9

PUBLIC SALE

OUTSTANDING COLLECTION OF EARLY ANTIQUES AND COLLECTIBLES

MONDAY, JUNE 23, 1986

NOTE-
AUCTION AT 9:00 A.M.

Located at 112 W. Andrew Street, Lancaster, Pennsylvania. Directions: Prince Street South to light at Conestoga Street; right on Conestoga, immediate left on Mill Street; sale straight ahead.

BRASS AND COPPER:

Three Early Pie Crimpers; Ten Brass Candlesticks; Copper Wash Boiler; 4 Nickle-plate Copper Revere Tea Kettles; Nickle-plate Copper Chocolate Pot; Copper Five Gallon Stovetop Coffee Urn; 5 Brass and Brass Plate Bird Cage Stands (plus one Tin Bird Cage); 4 Copper and Brass Funnels; 50 Brass Shotgun Shells, Brass Shot Mold, and Ten Sets of Equipment for Leading Shotgun Shells, plus 3 Wooden Gun Cleaning Rods; 16 Brass Kitchen Scales; Brass Hand Bell; 2 Brass Buckets with Wrought Iron Handles (one spun, one cast); Brass Coat Tree.

PAPER GOODS/SOUVENIR

100 Early Advertising Trade Cards; 35 Negro Caricature Die-cut Items; 100 Children's Die-cut Decals; 15 "Penny Dreadful" Valentines; 1939 New York World's Fair Items – Thermometer, Salt and Pepper, Ash Tray, Record Album, Bissell Sweeper, 50 Train Bus, and Admission Tickets to 1939 World's Fair, with Brochures to Exhibits; Set of Celluloid World Flags; Set of World Flag Pins (circa 1900); Five White Metal Statue of Liberty Souvenirs; Five Very Large Lancaster Public Sale Posters (1910-1913); plus Miscellaneous Stock Certificates and other Paper Goods.

AGATE WARE

Fifty Pieces – Blue, Gray, White, Green – Two Coffee Pots, Trays, Colanders, Bowls, Double Boilers, Ladle, Pans, Chamber Pot, etc.

WOODEN TYPE

4,000 pieces of Clean Wooden Printer's Type, from ½ inch to 6 inches high – representing seventy different Type Faces.

TIN WARE

Large Assortment, including fifty assortments of Miniature Molds – Fish, Stars, Hearts, Grape Clusters, Fluted – many handmade; Tin Pie Crimper; Large Collection of Early Tin Items.

MISCELLANEOUS

52 Bone Handled Knives and Forks; 30 Bone Carving Knives, Forks, and Sharpeners; Portable Wind-up Victrola; 100 78 rmp Records; plus numerous additional articles of collectible and antique interest.

Terms by
J.R. WIBBERLEY

T. Glenn Horst, Auct.
859-1331 – AU00438L
Timothy G. Horst, Auct.
738-1245 – AU001767L

Auctioneer J. Rodger Wildeson
AU-1012L PH. 717-263-5702

PUBLIC SALE

ANTIQUE FURNITURE & HOUSEHOLD

TUES., JUNE 17th, 1986

At 5 P.M.

At Shady Grove Community Puritan Building take Interstate Rt. 81 to Exit 3 Greencastle, Pa. go east on Rt. 16 - 3 mile to Shady Grove.

Oak high chest, beautiful walnut marble top dresser, decorative oak sideboard, Oak bow front china closet, two 2 pc. oak high back bed & dressers, most beautiful cherry high back bed, old 2 pc. corner cupboard, walnut pump organ, oak roll top desk, 2 glass big ball claw foot oak stands, 2 round oak pedestal tables, Oak ice box, serpentine oak dressers with beveled glass mirrors, Oak wash stands, Slant top desk, Oak pie safe, High back cherry bed, 6 cane oak chairs with 5 leg oak ext. table, oak bed chamber, old trunks, oak stands, library table, oak pressed back chairs, oak kitchen cabinet slag glass, Walnut marble top pedestal stand & table, oak wall phone, 3 old clocks, brass Rayo & Aladdin lamps, blanket chest, platform rocker, old wagon jack, butter churn, small antiques, glassware, sets of cookware & bakeware, attractive early American living room suite, other furniture, stove, etc., air tight wood stove, TV & console, 8 MM color camera & projector, 35 M GAF camera, new fireplace blower, corner gun cabinet, canning jars & equip., lovely dark 3 pc. porcelain knot bedroom suite, 3 pc. bedroom suite, manual National cash register, 2 CB's, 5 pc. maple dinette, modern office desk, 3 bicycles, and a large amount of like new Tonka & Fisher Price toys sold at 5 P.M.

Folks this antique furniture is in mint condition - must see to appreciate!

A Southern Franklin Co. Family

PUBLIC AUCTION

FARM EQUIP.; HAYING EQUIP.; NH 310 BALER, ONLY 1 YR. OLD 28' GOOSE NECK TRAILER LUMBER; HAY; BEER CAN COLLECTION

MONDAY, JUNE 23, 1986

At 5 P.M.

4 mi. West of Palmerton. In the Village of Little Gap turn No. at "Covered Bridge Inn" for ½ mi. to Spruce Rd. turn R. for 1¼ mi.

HAYING EQUIP.

N.H. 310 baler w/pto thrower, ex. cond., used only 1 season; N.H. 478 haybine, 3 yr. old; 4 steel side wide track bale wagons; Int. 5 bar side rake; (2) 4 bar rakes; N.H. 36' hay elev.; also some alfalfa & Timothy hay.

CATTLE EQUIP.

Phelps 28', 5th whl, enclosed goose neck stock trailer; grooming & showing equip; implant & worming equip; lot triple Sulfa solution; stock water tanks; bunk feeder; rd bale feeder; 2 metal creep feeders; 4 wdn calf hutches; Shaver 10" 3 pt. hyd. fence post driver; 85 press. treated fence posts; elec fencers; asstd fence wire; dust bags; cattle rack for pickup; READ 4 ton rd metal feed bin.

FARM EQUIPMENT

1976 Dodge pickup; 1967 GMC pickup; N.H. 354 grinder mixer; N.H. tank type manure spreader; J.D. 4 btm 3 pt. 16" trip plow; Oliver 10' transport disc; J.D. 11' roller harrow (inside whls); trlr type weed sprayer w/150 gal. poly tank & gas driven pump; Letz port pto grinder w/bagger; 3" & other gas driven centri pumps; new "Favorite" 200 egg cedar incubator; lot poultry wire; 300 gal. fuel tank w/pump; saddle & tack; 8' fiberglass truck cap; 180 amp AC welder; asstd steel & rack; 5" lolly columns; culvert pipe; scaffolding; elec switches & cable; bales of twine; 55 gal. poly barrels; pr. 28" used tires; 12' alum. van body for storage; LUMBER: lot new 2x6, 2x8, 2x10; Oak planks; treated 2x6 & 4x4; 200 bd ft seasoned rough cut cherry.

Also: Chrys. 75 hp outboard mtr., needs little work; 100's foreign & domestic beer cans; comic books; plus many items too numerous to mention.

Terms: Cash or Check.

Refreshments Served

Ordered by LEE HELD

Conducted by Ralph W. Zettlemoyer Auction Co., Inc.
(215) 395-8084
Pa. License #AU-001809-L

Public Auction Register

Closing Date Monday 5 00 P M of each week s publication

SHORT NOTICE

PUBLIC AUCTION

OF TRUCKS, TRAILERS, SHOP & OFFICE EQUIPMENT

JUNE 21, 1986

9:30 A.M.

Auction Location: East Earl, Lancaster County, Pennsylvania. Take Route 322 East of Blue Ball to Route 897 South, turn right and proceed approx. one mile to property on right side of the road; on corner of Route 897 and Sheep Hill Road. Motels and restaurants located in New Holland, only five miles from sale site. Airports located in Lancaster and Harrisburg, Penna.

The auction consists of trucks, trailers, hundreds of lots of shop & office equipment, tools & truck parts. CONSIGNMENTS OF TRUCKS, TRAILERS & LARGE EQUIPMENT being accepted. Call our office for more info.

Brochures available upon request.

TERMS: CASH, CERTIFIED CHECKS OR TRAVELERS CHECKS. Personal or Business checks accepted only with a current bank letter of Guaranteed Payment made payable to Martin Auctioneers, Inc.

Terms & Conditions by Martin Auctioneers, Inc., Agent for Steele & King & Consignors of additional trucks & trailers.

Larry L. and Paul Z. Martin Jr.
P.O. Box 477
Intercourse, Pa. 17534
(717) 768-8108

Martin Auctioneers, Inc -AU-001137-L Larry L Martin-AU-000578-L
Paul Z Martin, Jr -AU-001863-L

Martin Auctioneers. Inc.
P.O. BOX 477
INTERCOURSE, PA 17534

PUBLIC AUCTION

18A. FARMETTE, ALL BRICK HOME W. GARAGES & OUTBUILDINGS, HOUSEHOLD, ANTIQUES, QUILTS, DISHES, BARETTA SILVER SNIPE GUN, 55 FORD TRACTOR & EQUIP., 2 CUB CADET RIDING MOWERS, SNO BLOWER, WISCONSIN POWER UNIT, GARDEN & CARPENTER TOOLS & LUMBER

SATURDAY, JUNE 21, 1986

9:30 A.M.

Along Rt. 443, between S. Tamaqua & Mantzville, Pa. West Penn Twp.

REAL ESTATE

18 A. Farmette, 1½ Story home, 2 bedrms., kitchen, living rm., bath, attic, full basement, well, stoker h.w.h., all conv., block/frame 30x45 3 car garage, 30x30 2 story horse barn, pond, etc.

ANTIQUES

Oak sideboard-china cabinet -3pc. hi back bedrm-rockers, davenport table, coal range, rag carpet, patch quilts, oil lamp, rug beater, shaft bells, lanterns, cake stands, beer trays, Carnival-Rubt-Green dep-agate pcs, baskets, goose wing biling axe, scribers, etc. Elec. stove, refrig., freezer, 7 pc. kitchen set, 3 pc. living rm., rugs, color TV, lamps, 3 pc. limed oak bedrm., sew machine, blankets, dishes, cookware, med. safe, 8mm projector, movie screen, elec. kitchen appliances, 30-06 Savage rifle w.Bushnell scope, Remington 572 Model 22, binoculars, FULL HOUSEHOLD.

EQUIPMENT

1955 Model 600 Ford 3 pt. fully equip., 101 2 gang lift plow, 3 pt. 2 row cultivator, 3 pt. reversible 7' sno blade, 126 Cub Cadet 12 h.p. riding mower 42" deck, Cub Cadet 7 h.p. riding mower, metal box dump rubber tire trailer cart, rotary power mower, garage stove, Parker tractor lawn sweeper, reo 6 h.p. sno blower, McCullough chain saw, Craftsman bench saw, 16x7 new overhead garage dr., B&D elec. lawn edger, saber saw, corn sheller, 300 gal. skid tank, etc.

MANY, MANY ITEMS - PART LIST

Sale by
JENNIE (BREINER) HOPPES

Houser Aucts. AU-000445L
717-386-5631 or 2191 & 215-799-2396

FR 5PM Woodworking Shop Eq., Carpenter Tools, Farm Items, Antiques, Guns. Located 1 mi. E. of Abbottstown on Rt. 30 thence turning S. onto Moulstown Rd. ½ mi. in York Co., PA. Mrs. Emory A. Messinger, Owner. Clair R. Slaybaugh, Auct.

FRI. JUNE 20 - 3PM Staller's Farm Supply Farm Eq., Butcher Eq., Lumber, Jamesway Supplies. Located along Rt. 183, 7 mis. N. of I-78 between Summit Station & Schuylkill Haven, PA. Ralph W. Zettlemoyer Auct. Co., Inc.

FRI. JUNE 20 - 7PM "Purebred Pride" Summer Sale of 25 Tested Hamp Boars, 25 Hamp & York/Hamp Open Gilts, 30 Bred Gilts Hamp & York/Hamp, 18 Tested Spot Boars & Gilts at Wayne Co. Fairgrounds, Wooster, OH. Merlin Woodruff, Auct.

FRI. & SAT. JUNE 20 & 21 - 12 Noon & 9:30AM Respectively. Antiques, Dishes, Glassware. Jewelry & Personal Property. Springetts Fire Co. Social Hall, 3013 E. Market St., York, PA. For: Helen Knox & others. Jacob A. & Brian L. Gilbert, Aucts.

FRI. & SAT. JUNE 20 & 21 - 6PM & 9:30AM Respectively. Tools, Ford PU, Real Estate, Antiques. John Calderwood Estate. Rt. 22 W., turn at Centre Union Church. Blaine C. Aumiller, Jr., Auct.

SAT. JUNE 21 - 9AM 19 Acre Farm, Antiques & HH. Located N. on Rt. 72 to Manheim, right at square, left on Penryn Rd. to property. Sale by: Ella Buchen. Burnell L. Buchen Auction Serv., 717-898-7772.

SAT. JUNE 21 - HH, Antiques. Located along Rt. 23 in the Village of Blue Ball. Anna E. Horning, Owner. Nevin Martin & Lewis Groff, Aucts.

SAT. JUNE 21 - 10AM Flea Market On PA Rt. 24 between Stewartstown & New Park. Stan & Mary Nagle, Owners. York Co. Livestock Sales Ltd.

SAT. JUNE 21 - 12 Noon 14 Acres Land, Pine Grove Boro, Schuylkill Co., PA. At the red light in the center of Pine Grove go ½ mi. E. on Rt. 443. Then turn left onto Legion Blvd., then go 2 blocks and turn left onto 2nd street extended. The property lies on the south side of 2nd street extended. Conditions by: Eden Hill Orchards, Inc., Karl Bowers, President. Ebersole & Shoop, Aucts.

SAT. JUNE 21 - 9AM Antiques, HH, Paintings, Classic Car, Tools. Located Farmersville Fire Hall, along E. Farmersville Rd., village of Farmersville, Lanc. Co., PA. Terms by: Cleo Delp & Kenneth & Dorothy Zook & Kenneth G. Keller Estate. T. Glenn & Timothy G. Horst, Aucts.

SAT. JUNE 21 - 7PM Arnold's 42nd Hog Sale of 75 Bred Gilts, 40 Boars, 40 Open Gilts. Lebanon Fairgrounds, PA. Leon L. & Lawrence Arnold. Harry Bachman, Auct.

SAT. JUNE 21 - 8AM Real Estate, Antiques, Collectibles, HH, Tools. S. Pine St., Pillow, PA. Mildred A. Gotshall, Owner. Dockey, Dockey & Deppen, Aucts.

SAT. JUNE 21 - Line Eq. & Light Duty Vehicles. For: Delmarva Power & Light, Wilmington, DE. Vilsmeier Auct. Co., Inc.

SAT. JUNE 21 - 10AM Farm Eq., HH, Antiques, Collectibles. 1 mi. N. of Hegins along Rt. 125 in Schuylkill Co., PA. Nevin R. Miller, Owner. Mike & George Deibert, Aucts.

SAT. JUNE 21 - 7PM Antique Gun Auction of 179 Old Firearms, Swords, Coins. Ramada Inn, York, PA. Auctions Unlimited.

SAT. JUNE 21 - 10AM Antiques, HH, Tractor, Greenhouse Supplies. 66 North Ronks Rd., Ronks, PA, East Lampeter Twp. E. of Lancaster on Rt. 30 approx. 6 mis. turn N. on N. Ronks Rd. Sale on left next to Jay Advertising. By: Lloyd M. Weaver Estate. Alvin Miller & Elvin Siegrist, Aucts.

SAT. JUNE 21 - 10AM Real Estate & Personal Property. For The Estate of George H. Whitaker. Rt. 662, 1½ mis. N. of Rt. 562, Yellowhouse, Oley Twp., Berks Co., PA. Kenneth A. Geyer Auct. Co., Inc.

SAT. JUNE 21 - 10 AM Farm Mach., HH. Located from Lancaster, take Rt. 462 (Columbia Ave.) to Mountville, go to 2nd traffic light, turn left on S Manor St., go approx. 1 mi., turn E. on Hershey Mill Rd., 2nd place on the right. Terms: Charles M. Suter. Lloyd Kreider, Randall Kline, Roy good, Gary Shirk, Aucts.

SAT. JUNE 21 - Chesapeake Sale #4. In Halifax Co., N. of Rt. 5 (S Boston Ave.), Scottsburg, VA. Ownby Auct. Co

SAT. JUNE 21 - 10AM Antique Tool Auction. "On Site", 4 Kirkland Ave., West Chester, PA. Just off Rt. 100, behind Brickette Lounge. Collection of James Sorber. Barry Hurchalla, Auct.

SAT. JUNE 21 - 12:30PM Robert & Rose Adams Complete Dispersal Cattle & Machinery. Auburn 4 Corners-Susquehanna Co. (Former Williams Farm). 5 mis. off Rt. 29 at Springville. 5 mis. off Rt. 267 from Meshoppen to Auburn Center. From I-81 take exit 67 at New Milford, take Rt. 706 to Lawton. Paul Baldwin & Bud Pepper, Sale Mgrs. Kent Ennis, Auct.

SAT. JUNE 21 - 10AM Heavy Eq., Farm Eq., Shop tools. Take Rt. 17 W. from Corning, NY, and exit at Coopers Plains Exit. Turn left and go to Mill St. By: Mrs. Howard Sutherland, Preliminary Executrix and Bob Hooey Const. & Bob Hooey Farms. Dick Crittenden Auct. Co.

PUBLIC SALE

OF ANTIQUES, HOUSEHOLD GOODS, TRACTOR, GREENHOUSE SUPPLIES

SATURDAY, JUNE 21, 1986

10:00 A.M.

66 North Ronks Road, Ronks, Pa. East Lampeter Twp. East of Lancaster on Route 30 Appro. 6 mile turn North on N. Ronks Road. Sale on Left next to Jay Advertising.

7 pc. Dining Room Suite, Childs Wardrobe, Single Bed w/box spring and mattress, Dough-Tray Table, Old Rocker, Book Case, Dresser, Vanity w/Mirror, Cedar Chest, Hollywood Twin Beds w/Box Springs & Mattresses, Old wood Spool Chest, Old Wood Wardrobe, Uph. & Misc. Chairs, Breakfast Set w/4 Chairs, Plant Stands, Old Medicine Cabinet, Metal Wardrobe, Wicker Baskets, Wood Bench, Galv. Tubs, Rug Beater.

12 pc. Dinner Set, Rodgers Stainless Steel Silverware, Ironstone Pitcher & Bowl, Fiesta Bowls, Assort. of Dishes Japan, Nippon, Baveria, Glass Dog, Glass Candle Holders, Ironstone Platter, Glassware, Crocks, Kitchen Utensils, Pots & Pans, Linens, Doilies, Blankets, Spreads.

2- OLD BLANKET CHESTS, OLD QUILTS, HORSE ROBE, (EXCELLENT CONDITION) CAST IRON BULL DOG,
Colt- 22 Auto. Hand Gun,
Pipe Wrenches, Hammers, Socket Sets, Plain, Battery Charger, Scotts Seeder, Air Compressor, Sprayer w/engine, Hames, Single Tree, Gas Mask, Grass Seeder, Pipe Cutter, Draw Knife, Skill Saw, Mc Culluck 20" Chain Saw, Gas Tank w/pump, Corn Chopper, Cross Cut Saw, Sledge, Forks, Shovels, Weed Cutter, Size, Grinder, Pipe Threader, Hand Saws, Small Table Saw.

ALLIS CHALMERS G TRACTOR w/CULTIVATORS, PLOW, DISC HARROW, FERTILIZER ATTACHMENTS, 6 HORSEPOWER GENERATOR, (LIKE NEW)

Old Wood Corn Planter, Flower Seeder, Old Two-Way Walking Plow, Push Hire, Ext. Ladder, Lawn Roller, Dirt Scoop, Wheelbarrow, Small Flat Wagon.
Greenhouse Rafters, Water Mats, Shade Cloth, Plastic Pipe w/nozzles, Clay Pots, Flats, Greenhouse Glass, Hard Hat Heaters, Pipe Clamp & Fittings, Ventalator Wheels, Angle Irons, Ground Foam, Woven Wire, Doors & Windows, Metal Cabinets Bar Painter, Used Galv. Pipe, Lots of Misc. Items To Numerous Too Mention.

ORDER OF SALE, GREENHOUSE SUPPLIES, TOOLS, TRACTOR, HOUSEHOLD GOODS

No Out Of State Checks, Not Responsible For Accidents.

Sale By
LLOYD M. WEAVER ESTATE
EXECUTORS ROBERT N. WEAVER, LLOYD M. WEAVER JR., DONALD K. WEAVER

Auctioneers
Alvin Miller
Lanc. Pa. 392-1547
Elvin Siegrist
Ronks, Pa. 687-6857
AU-1723-L

Lunch Available

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

SAT. JUNE 21 - 9:30AM Farm Eq., HH, Antiques. Location: Along Rt. 324, ½ mi. S. of Turkey Hill Storen in New Danville, Lanc. Co., PA. By: Clayton & Verna Thomas. Sanford G. Leaman, CAI Auct. Amos Sensenig, Auct.

SAT. JUNE 21 - 9:30AM 18A Farmette, Antiques, Quilts, Dishes, Eq., Tools, Lumber. Along Rt. 443, between S. Tamaqua & Mantzville, PA, W. Penn Twp. By: Jennie Hoppes. Houser Aucts.

SAT. JUNE 21 - 9:30AM Trucks, Trailers, Shop & Office Eq. East Earl, Lanc. Co., PA. Take Rt. 322 E. of Blue Ball to Rt. 897 S. turn right and proceed approx. 1 mi. to property on right side of the road; on corner of Rt. 897 and Sheep Hill Rd. Larry L. & Paul Z. Martin, Jr., Owners. Martin Aucts.

SAT. JUNE 21 - 10:30AM Liquidation of Chenango Farm Supply, just off Rt. 12 Brisben, NY. Take Rt. 12 out of Binghamton approx. 30 mis. Former White, Oliver Gehl Dealer. Goodrich Auct. Serv., Inc.

MON. JUNE 23 - 9AM Real Estate, Farm Eq., Parts & Tools. Located Frystown, Berks Co., PA. Order of Frederick L. Reigle Esq. Trustee in Bankruptcy in RE: Swope & Bashore, Inc. E.M. Murry Assoc., Aucts.

MON. JUNE 23 - 10:30AM Anthony J. Turchello Potato & Grain Farm Eq. South Lima Rd., just off Rt. 15 between Lakeville & Avon. Use I-390 expressway Exit 9, 19 mis. S. of Rochester, NY. Mr. Anthony J. Turchrello, Owner. Pirrung Aucts., Inc.

TUES. JUNE 24 - 10AM Laundry Machine, Parts Inventory, Tooling, Forklifts. Columbia Laundry & Mach. Co., 100 Bridge St., Columbia, PA. Wm. F. Comly & Son, Inc.

TUES. & WED. JUNE 24 & 25 - 10 AM Ea. Day. Kreb's Rolling Acres Dairy. 356 Acres, 115 Holsteins, Farm Mach., HH. Located 7 mis. NE of Loudonville, OH, 18 mis. SW of Wooster, OH, at 334 Lake TR 2422, Loudonville, OH. From Loudonville take SR 60 N. to SR 95 then NE 3 mis. to Mohicanville, then SR on SR 179 to 1st road right CR 377 SW to sale Thelma & Tim & Dean Krebs, Owners. Steve Andrews, Auct. With Dale Wirth Realty & Auct. Co and Brown's Auct. Co.

WED. JUNE 25 - Sale of Tractors, New & Used Parts, Motors, ect. Keener Eq., Inc., 1531 Manheim Pk., Lancaster, PA. C.H. Wolgemuth & Son. & B. Rentzel, Aucts.

THURS. JUNE 26 - 4PM Antiques & Collectibles. Farmersville Auction, Farmersville, 3 mis. E. of Brownstown, Lanc. Co., PA.

THURS. JUNE 26 - 5PM Antiques, HH, Coins, Guns. Located 302 E. Fulton St., Ephrata, PA. Terms by: Ellen E. Greiner. T. Glenn & Timothy G. Horst, Aucts.

THURS. JUNE 26 - 6PM 4.9 Acre Farm, Lawn & Garden Machinery & Tools, Guns, HH, Antiques. Located approx. 3 mis. N. of Elizabethville or 2 mis. S. of Berrysburg along Rt. 325, Mifflin Twp., Dauphin Co. Mr. & mrs. Kenneth W. Billow, Owners. Dave Deibler & Ed Shoop, Aucts.

WED. THURS. FRI. JUNE 25, 26, 27 - 10AM, 9AM, 9AM Respectively. Topeka, Indiana Buggy, Carriage and Horse Drawn Eq. Auction. Ezra M. Yoder, Oria M. Miller. Owner, Jr. Martin.

FRI. JUNE 27 - 9AM Farm Eq. New Holland Sales Stables, New Holland, PA.

FRI. JUNE 27 - 7PM New Saddle & Tack. Red Carpet Horse Sale, Cambria Co. Fairgrounds, Rt. 219N., Ebensburg, PA. Kevin Hines, Chris Rowe.

FRI JUNE 27 - 5:30PM Gap Auction. Located off Rt. 41, Lancaster Turkey Hill Minit Mkt., cross RR bridge. Ira Stoltzfus & Son, Aucts.

FRI. JUNE 27 - Construction Eq., Trucks, Trailers, Contractors Tools. For: Associated Builders & Contractors, Annapolis, MD. Vilsmeier Auct. Co., Inc.

ANTHONY J. TUCHRELLO
POTATO & GRAIN FARM EQUIP.
AUCTION
MON., JUNE 23, 10:30 A.M.

South Lima, (Livingston Co.) New York
Sale to be held at the farm on South Lima Road, just off Rte. 15 between Lakeville and Avon. Use I-390 expressway exit #9, 19 miles south of Rochester, New York.

Selling at absolute public auction, without reserve, the following machinery:

GENERAL EQUIPMENT

Cat. L.P. gas 4000 lb. towmotor with 144 in. lift, 360 turn head; Yale 4000 lb. L.P. gas towmotor with turn head, needs engine work; H-25 Payloader with 5 ft. bucket; Farmall "H" n.f.e. tractor with hydraulic; Howard 12 ft. rotovator; Koehn 3 pt. danish tooth cultivator; 12 ft. disk; 2 3pt. 5-tooth tool bar hillers; IH 4-row front mount cultivator; Ferguson 3 pt. 12-tooth chisel plow; Steel land roller; Century 300 gal. poly tank boom sprayer; 3 pt. hitch 14-row boom sprayer with 320 gal. s.s. tank; Poly 1600 gal. nurse tank; 2 pair of 260 gal. poly saddle tanks; 1500 gal. liquid fertilizer tank; 4-10,000 to 20,000 gal. liquid fertilizer tanks; 2 10,000 to 12,000 gal. fuel tanks; Fruehauf alum. van body with overhead rear door and curbside door; 2 40 ft. van trailers for storage.

GRAIN EQUIPMENT

M.C. 975 continuous flow high capacity grain dryer, stored inside!; 4 app. 42,000 bu. fully equipped and monitored grain bins, all automatic, quite new; Hutchinson 48 ft. x 6 in. straight line auger with elect. motor; Mayrath 52 ft. x 8 in. p.t.o. transport auger; Hutchinson 48 ft. x 8 in. transport auger; NI 42 ft. x 6 in. transport auger with elec. motor; 8 in. short bin unloading auger.

SPECIALIZED POTATO & WAREHOUSE EQUIPMENT

Dahlman 4-row model PP-400 3 pt. hitch potato planter; Lockwood 2-row harvester with Ford diesel power air head; Lockwood 2-row harvester with Ford gas power air head; Lockwood 2-row conventional type "Spirit of 76" harvester; 2 Lockwood 2-row potato windrowers; 13 Haines bulk bodies from 14 to 22 ft., most with grain pans; JD 416 planter; Haines 18 ft. self contained 16 h.p. gas engine over hydraulic planter filling elevator; Haines seed cutter with duster unit; Haines flat belt diverting-sorting table; Haines 24 ft. x 10 in. draper chain seed elevator on scissors; Haines 20 ft. draper chain elevator; Haines 36 in. soaker; Haines 26 in. brusher; Haines sizer units; Union Special 6 ft. L-conveyor; Fischbein sewing machine base unit only; Jersey wire stitching machine; 2 storage fans; 2 Mertec application units; 3 Singer bin stackers; Haines 6x6 portable hopper; Haines 36 in. grader; John Bean conventional harvester, as is; 2 Brady roto-beater-stalk choppers; 2 JD 30 level bed diggers; John Bean air blast sprayer with Wisconsin engine.

TRUCKS

1978 Ford Louisville with app. 2,000 gal. liquid fert. tank; 1978 Chevy C-60 cab and chassis; Mid 70's GMC 6500 cab and chassis; 1972 Chevy C-70 10-wheeler cab and chassis; 1972 IH 1600 Loadstar cab and chassis; IH A160 10-wheeler cab and chassis; 2 Chevy 60 cab and chassis; IH 1600 cab and chassis; 2 IH R-190's 10-wheelers, cab and chassis; IH 1700 cab and chassis; 1964 IH 1700 roll back truck with 24 ft. bed and winch; 1969 Ford F-700 with 18 ft. flat deck; IH 1800 Loadstar fuel truck; 1971 Ford F-350 utility truck; Army truck with diesel engine, 10-wheeler; 2 old gas trucks for parts.

TERMS OF AUCTION: Cash or honorable check day of auction! Line up your credit in advance! Proper identification required of all bidders. Nothing to be removed until settled for. Clear title guaranteed!

Owned by
MR. ANTHONY J. TUCHRELLO
Avon, New York
716-346-6250

Auction conducted by:
PIRRUNG AUCTIONEERS, INC.
Wayland, New York 716-728-2520.

ABSOLUTE AUCTION

Farm sold. Must sell the following on farm located at 74 Leeds Road, Elkton, Md. From Elkton go north on Rt. 213 to Moose Lodge, turn left on Leeds Road, go past next stop sign (Blue Ball Rd.) to next stop sign, bear right, 1st farm on left.

MONDAY, JUNE 16, 1986
At 11:00 A.M.

FARM MACHINERY: Int. 766 Tractor (rebuilt - VG cond), Int. 330 utility tractor w/loader, Oliver 77 tractor, Int. 4x16 plows, JD 3x16 mounted plows, JD 2x14 Pull type plows, Ford 2x14 plows, field cultivators, JD 14T baler, Int. T50 baler w/motor, AC pull type combine, 2 flat wagons, 2 hay kicker wagons, bale loader, funnel wagon, flail chopper, elevator, Int. 7' mower fasthitch, Int. rotary cutter, sickle mower, post hole digger, N.I. manure spreader, AC haybine, JD hay conditioner, side delivery rake, easy flow spreader, Chatt. road disc, Chatt cultipacker, spring tooth, Oliver 77 cultivators, JD 16 tyne drill, cement mixer, snow bucket, wood fence posts, fencing, Tools, jacks, tire changer, motor lift, log splitter, grain auger, 2 refrigerators, some household furn., SS tanks, chicken picker, cow stanchions, milkers & vac pump, metal & wood corn crib, COB CORN, OATS, BARLEY, ETC.

'68 Chev. pickup w/utility body, '55 GMC tow truck, '60 Army type jeep, Plymouth car, 16' outboard boat & motor, 2 STANDARD BRED HORSES (5 yr. age, 1 with papers)!

Lunch

STANLEY N. GIFFORD, Owner
74 Leeds Road, Elkton, Md.
Harry Rudnick & Sons, Inc.
Sales Managers & Auctioneers
of Galena, Md. (301) 648-5601

ROBERT & ROSE ADAMS
COMPLETE DISPERSAL
JUNE 21, 1986
12:30 P.M. SHARP

Auburn 4 Corners — Susquehanna Co.
(Former Williams Farm)

DIRECTIONS: 5 miles off Route 29 at Springville. 5 miles off Route 267 from Meshoppen to Auburn Center. From I-81 take exit 67 at New Milford, take Route 706 to Lawton. WATCH FOR AUCTION ARROWS.

CATTLE AND MACHINERY

CATTLE: 53 head. Consisting of 16 Registered Holstein cows, 18 Holstein Grade cows, 2 Jersey Cows, 13 Heifers, 4 Registered Calves. Herd average of over 4% test-DHIA. One cow Pine Ridge Lucky Stream-VG 86 - Arlinda Jet Stream Daughter - 4 year old - 356 days - 28,794 milk - 4.2% test - 1226 fat. Twice on Super Cow List - has 2 sons in AI one daughter, one son by Mars Tony. One Daughter sired by Delegate.

One coe Diana due at sale time - 18,281 milk - 671 fat - 305 days.

Two Daughters of Cavalier - one with dam of over 100,000 milk - 4% test.

Four cows milking over 80 pounds. Ten cows fresh since March. 5 cows due by sale time. Some due July and August. Balance due late fall. Health charts and Pregnancy checked.

MACHINERY: 2- 4010 JD tractors- diesel, Super C tractor, MH (44) tractor, JD (A) tractor, NI- 270 cutditioner- 9' cut, NH "56" rake, NH "469" Haybine, Bush Hog Loader (extra heavy front-end), Ford "551" large round baler, GEHL Corn Chopper "78" one row head, NH "23" blower, MF "78" Haybine, NI 75 Bu. manure spreader, JD 150 Bu. manure spreader, NI manure spreader, 2 Forage Wagons, 3 Hay wagons- but running gears only, StaRite Dumping Station, Agway Water Heater, Agway Double Wash Vac, 3 Milking Machines- 2 Surge and 1 DeLaval, some Household furniture and tools including 17 cubic ft. upright freezer, Antique Dining Room Set including Buffet and China Closet.

TERMS: Cash or Good Check - Lunch Available.

Sales Managers:
Paul Baldwin 717-934-2278
Bud Pepper 717-364-5421
Auctioneer:
Kent Ennis AU-001662-L

THINKING ABOUT A SALE:
GIVE US A CALL ANYTIME!

PUBLIC AUCTION
OF
NEW & USED FARM EQUIPMENT
MONDAY, JUNE 16, 1986
10 A.M. Sharp

Sale will be held at Ag.-Ind. Equipment Co., Inc., located on Rt. 273 approx. 3 mi. east of Rising Sun, Md., Cecil County.

TRACTORS: Case 1030, MF 165D, (2) Cub Loboy w/mower, Cub w/Mott Mower, MF 65 gas, JD 2240D, White 2-180, **BALERS:** JD 466W, NH 320 w/thrower, NH 273 w/thrower, NH 310 w/thrower, NH 268 w/thrower, **ELEVATORS:** NH 155, 28', IH 155, 48', **LAWN & GARDEN:** Sears 7HP, Montgomery Ward 11 HP LIKE NEW, AC 712 12 HP hydro, Kubota B7100 Hydro, Kubota B7100 Hydro w/5' mower, Gravely w/sulky, **MOWERS & HAYBINES:** NH 489 haybine, NH 488 haybine, NH 451 mower, NH 450 mower, NH 462 disc mower, NH 479 haybine, **RAKES & TEDDERS:** NH 260, 258 & dual hitch, set up, NH 256 used rake, NH 256 new rake, NH 258 new rake, **BLOWERS:** NH 23, NH 28 Whirl-A-Feed, **HARVESTERS:** NH 892 w/2RN & WPU, Gehl CB800 w/2RN & WPU, Field Queen SP Cat. Eng. w/3RN & WPU, **LOADERS:** JD 146 for JD tractor, NH L445 skid loader, **MISCELLANEOUS:** JD skid sprayer, Donahue transport trailer, fertilizer auger, (3) bale thrower wagons, JD 4 row 7000 planter w/corn & soybean boxes, Brillion soil saver, Krause 24' disk, JD 13 disk grain drill, 3 pt. seeder & fertilizer, 2 wheel trailer.

TERMS: CASH OR APPROVED CREDIT

For More Information:
AG-IND. EQUIPMENT CO, INC.
1207 Telegraph Road
Rising Sun, Md. 21911
Phone: 301-658-5568
398-6132

ABERDEEN SALES CO. INC.
Sale Managers/Auctioneers
Phone: 301-836-7590
734-7105 Night

SANFORD G. LEAMAN, REALTOR

AUCTIONEERS LIC #
AU-000532-L

SPECIALIZING IN FARMS,
ANTIQUES, ESTATES,
APPRAISALS, LIQUIDATIONS

PUBLIC AUCTION
OF VALUABLE FARM EQUIPT. HOUSEHOLD GOODS & ANTIQUES
SATURDAY, JUNE 21, 1986
@ 9:30 A.M.

LOCATION: Along Rt. 324 ½ mile South of TURKEY HILL STORE in NEW DANVILLE, (Lancaster County), Pa.

JOHN DEERE 430 Tractor, J.D. 2-14" moldboard plow, J.D. coil spring cultivator, J.D. 20 disc harrow, 7' cultipacker, WOODS 6' mower, Lawn-Boy mower, Planet Jr. garden tractor, Planet Jr. Seeder, Mighty-Mac rototiller, 25' hi-pressure hose, cider press, Remington 11" elec. chain saw, ½" elec. drill & bits, B&D 7¼ saw & blades, sabre saw, sander, heavy duty elec. cords, rope & pulleys, V-pulleys & belts, wood pulley, barn & dirt shovels, axe, sledge, post hole digger, dig iron, 36' ext. ladder, 5&6' step ladders, metal fence posts, ½ & 5/8 baskets, 8' tables, 3' sq. tables, lumber, drums, hi-lift jack, hyd. jack, forks, tree pruners, doweling machine, bag cart & wheel barrow, garden cart, root feeder, 40 lbs. magnet, Remington 22, ice tongs, 10' Oak ext. table, drop leaf table, secretary desk, Sewing machine, 2 bedroom suites, 2 sets 6 chairs ea., living room suite, rocker, lawn & porch furniture, t-v, radios, cedar chest, clothes tree, pole light, iron skillet 10 qt. s.s. bucket, Detecto 300 lbs. platform scale, single beds, DOMESTIC grain grinder, Vac.'s, Veg. shreader, Cassette player, Bible study records, record player, food grinder, crocks, Lowrery organ, and a good selection of other items too numerous to mention.

Sale by:
CLAYTON & VERNA THOMAS
SANFORD G. LEAMAN,
CAI AUCTIONEER
Lic. #AU-532-L (717) 569-4264
Amos Sensenig Auct.

Food by NDFC Aux.

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

SAT. JUNE 28 - 10:30AM Consignment Auction of New & Used Farm & Industrial Tractors, Farm Mach., etc. Located our yard on the corners of Rt. 38 & 38B, Newark Valley, NY. Goodrich Auct. Serv., Inc.

PUBLIC AUCTION

Dave Deibler & Ed Shoop

THURSDAY, JUNE 19, 1986

At 6:00 P.M.

Located approximately 11 miles North of Harrisburg along Route 225. Turn West onto Mountain Rd. on North size of Peter's Mountain. Proceed one mile to sale.

REAL ESTATE - 24 ACRE GENTLEMAN'S FARM - 7:30 PM

2½-Story Frame, 3-Bedroom Farm House situated in beautiful Powells Valley along north side of Peter's Mountain. Farm consists of 24 acres, 7 acres mountainland. Two springs on property. Small Barn, ideal for horses or cattle. Drilled well and septic tank House has 3 bedrooms and bath on second floor, eat-in kitchen, double living room, den and enclosed porch on first floor. Electric baseboard heat, aluminum storm windows

TERMS: 10% down, balance 45 days, additional terms day of sale. For inspection call - 896-8709.

ANTIQUES AND COLLECTIBLES

Kalamazoo Coal/Wood Kitchen Stove with Water Jacket, Oak Sideboard, 2 Oak Dressers, 2-Pc. Bedroom Suite, Singer Treadle Sewing Machine, Empire Chest of Drawers, Child's Rocker, Oak Chest of Drawers, Zenith Radio, Large End Table, Coffee Table, Beveled Edged Mirrors, Bamboo Table, Softwood Table, Mirrors, Picture Frames, Books, Copper Apple Butter Kettle, Stirrer, Glass Butter Churn, Kerosene Lamps, Cast Iron Frying Pan and Grill, Pressed Glass Dishes, Mixing Bowls, China and Antique Dishes.

1947 KNOX ¾ TON PICKUP TRUCK

FARM MACHINERY & TOOLS

Ford Ferguson Tractor, Ford Dearborn 2-Bottom Plow, 3-pt. Ford Dearborn Cultivator, Rubber Tire Wheelbarrow, New Idea Manure Spreader, Hog Feeder, Rotary Lawn Mower, Bench Vise, Hand Cultivator, Apple Picker, Miscellaneous Garden and Hand Tools, Miscellaneous Hardware, Heavy Duty Electric Wire and Cable, 50' Plastic Pipe, Scrap Iron and other items.

HOUSEHOLD GOODS

Kelvinator 15 Cu. Ft Chest Freezer, Metal Kitchen Cabinet, Philco Refrigerator, Kenmore Wringer Washer, Double Wash Tubs, 4-Burner Kerosene Stove, Writing Desk, Cane Back Rocker, Early American Davo Bed, Recliner, Marble Top Stand, Porch Glider, Magazine Rack, Night Stand, Electric Sewing Machine and Cabinet, Stools, Flower Pots and Stands, Accordian, Metal Cabinets, Knick Knacks, Cooking Utensils and Dishes

Estate of:
OLLIE M. ROADCAP
Executrix: Reno V. Bucher
Attorney: E. Richard Etzweiler

Auctioneers:
David D. Deibler, 896-8530, AU001213L
Ed Shoop, 896-8305, AU000A42L
RD 3, Box T-76
Halifax, PA 17032
Lunch Stand Reserved

ANTIQUE GUN AUCTION

179 Old Firearms, Swords, Coins
SATURDAY, JUNE 21, 1986
7 P.M.
Ramada Inn, York, PA.
Inspection 6-7. Cash, VISA, MC.
Consignments wanted.
AUCTIONS UNLIMITED
#AU-000196-L

PUBLIC SALE

OF
50 ACRES (M/L) FARM & BUILDINGS
EPHRATA TOWNSHIP, LANCASTER CO.

THURS., JUNE 26, 1986

Sale at 7:00 P.M.

Located along Rt. 322 at 797 East Main St. (Between Bethany Road & Pleasant Road, Ephrata Township, Lancaster Co., Pa.)

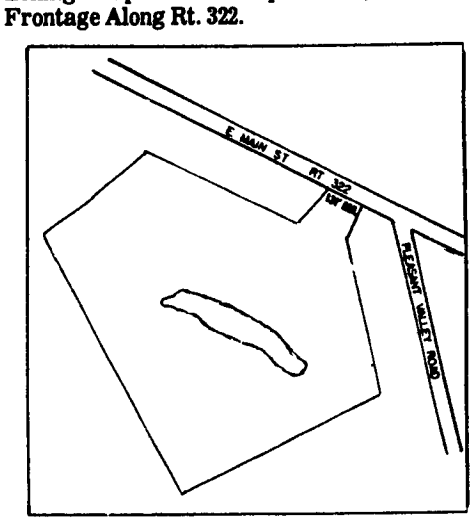
50 ACRES M/L FARM

2½ STORY BRICK STUCCO DWELLING Containing Large Eat-In Kitchen With Built-In Cabinets, Laundry, Full Bath & 5 Other Rooms On First Floor - 5 Bedrooms On Second Floor. Oil Fired Hot Water Heat.

FRAME BANK BARN & SILO TOBACCO SHED 2-CAR CEMENT BLOCK GARAGE

Excellent Central Location - Near Rt. 322 & Rt. 222 Interchange.

Zoned - RLD & C-2 (Ephrata Township Zoning Map Revised April 1984) 131' M/L Frontage Along Rt. 322.



Open House Sat., June 21 from 1 P.M. to 3 P.M. or for more information call auctioneer or attorney.

TERMS: 10% Day Of Sale. Settlement In 60 Days.

Terms By:
BOROUGH OF EPHRATA
T. Glenn Horst, Auct.
859-1331 - AU-000438-L
Timothy G. Horst, Auct.
738-1245 - AU-001767-L
Eaby & Eaby Attys.

PUBLIC AUCTION

New Holland Sales Stables, Inc.
New Holland, Pa.

Tractors & Horse Drawn Farm Equipment-Supplies-Small Items

FRIDAY, JUNE 27, 1986

SALE OF SMALL ITEMS 9:00 A.M. **FARM EQUIPMENT 10:00 A.M.**

New customers and out of state buyers must have current bank letter of credit with guaranteed amount or cashier checks.

A list of your sale items must be in our office by Tuesday, June 17th to be included in our complete listing in the June 21st issue.

Abe Diffenbach, Manager

For more information contact Abe Diffenbach or Norman Kolb at 717-354-4341.

NEXT FARM EQUIPMENT SALE JUNE 27

SAT. JUNE 28 - 12 Noon Catalog Sale AQHA, Appaloosa and other Registered Horses. Red Carpet Horse Sale, Cambria Co. Fairgrounds, Rt. 291N., Ebensburg, PA. Kevin Hines, Chris Rowe.

SAT. JUNE 28 - 11AM ...rse Sale. Keister's Middleburg Auction, along Rt. 522, Middleburg, PA.

SAT. JUNE 28 - 10AM Hay Sale On PA Rt. 24 between Stewartstown & New Park. Stan & Mary Nagle, Owners. York Co. Livestock Sales Ltd.

PUBLIC BANKRUPTCY AUCTION

VALUABLE REAL ESTATE, FARM EQUIPMENT, PARTS & TOOLS

MONDAY, JUNE 23, 1986

9:00 A.M.

Located in Frystown, Berks County, Pa.

Real Estate to be offered at 11 00 A M at the premises, to be offered free and clear of all liens and emcumbrances consists of 11 acres M/L Thereon erected a large retail farm equipment and repair service building which includes very adequate office space, large showroom and sales room Extensive storage and repair service area, contains 14,360 sq ft under one roof Building #2 is a large storage building containing 7,200 sq ft , also attached to same a 2000 sq ft. storage shed Please take note this is a nice parcel of land with a real fancy set of buildings, ready for the active retailer to a good trade area WILL BE OPEN FOR INSPECTION THUR JUNE 12, 10 00 A M

Farm equipment, office equipment, tools, parts, tires, batteries, belts, consists of the following items, 12 various wood and metal desks, app 20 various desks and office chairs, Minolta EP450Z copier-enlarger-reducer, Teknika G25 cash register, Adler elec typewriter, 3 Texas instrument calculators with printer, Unitrex calculator with printer, 2- B&H Micro Fische viewers, time clock, Cinema 8 projector, various 2 and 4 drawer file cabinets, safe, various index files and desk top items, 1977 International Loadstar roll back truck 5 sp. 2 sp "nice," 1983 Chev custom 10, 4 wh dr. ½ ton truck, M&W dynomometer 280 hp cpy , mdl 700 Bobcat skid loader 32 h.p. wisc gas engine, Farmall 460 gas mdl TA fast hitch, Farmall 656 gas gear drive wt TA 3pt , Farmall 400 NT Holty loader, Farmall 200 fast hitch, Farmall C, and 2 bottom plow, Cub Cadets as follows 1650-124-105-147-81, Bolens 850 lawn tractor, White 1619, Bolens 1253, Bolens G16YT, Jacobson GT12 hydro, mdl. 41 Snapper, Case 80, Husky Bolens, I.H C. cyclo corn planters, 2-6 row and 2-4 row some with monitors and insecticide att., I H 56 blower I.H. 56 blower about new, I H 56, 6 row corn planter, I H.C 115 mower, mdl 78 I H C cultivator, I H C. 350 Vibrashank 12'6", 5500 I H.C chisel plow, 560 I.H C 6 bottom plow, 350 I.H C forage harvester single row corn head, N I side rake, I.H 830 harvester new knives and shear bar 3 row narrow head, I H 420 baler, I H forklift, I H 350 disk harrow, FB99 Gehl blower, I H 1150 grinder mixer hyd feed , 5 ton Beck trailer T and axel wt ramps, 5400 White no till corn planter, Oliver disk harrow, rotary mower, John Deere A tractor, 80" Bob Cat materials buckets, TMC John Beam sprayer, mdl 33 N H flail chopper, Brady 722 chopper, I H 35 disk, I H #8 flail chopper, duel wheels and tires 18x4-34, Century 50 gal orchard sprayer, 5 Shintaiwa trimmers "new", Badger straw chopper mdl E27W-new, 84' new Badger Cleaner chairn, 2 Herd seeders new, 1-6BU-1-3bu P T O , airator, cadet blowers McCurdy augurfor dump truck, D-B garden tractor and attachments, small 1200lb Sunbird trailer, 5 hp sweeper, buster bars, 348 Woods mower, Woods L59, Woods L306 and F35 and H244 mowers, Arps 3pt875 back hoe, Power King snow blower, 5 hp cadet rotary tiller new, Sprayrite sprayer with booms, New Idea 2 row picker #305, Tye pasture pleaser no till, numerous I H C manure buckets, 2-8ton wagons, 1-10 ton wagon, Starline mdl, 830 tank spreader right side Arps 6' and 7' blades, free standing display shelves, parts manuals, voltage stabilizer, large gasket file cabinet, large variety parts inventory and hardware, shop tools and equipment also numerous items of value not mentioned

AUCTIONEER'S NOTE: There are numerous items to sell; please be prompt. Auctioneers also make no guarantees or warrantees of any item or items on this adv, published on information received. NOTE: PLEASE HAVE PROOF OF FINANCIAL RESPONSIBILITY SATISFACTORY TO TRUSTEE.

Auction by order of
FREDERICK L. REIGLE ESQ.
(215) 779-8000
Trustee in Bankruptcy
in RE: Swope & Bashore, Inc.
case # 86-01863

E.M. Murry Associates

10 S Broad St
Lititz, PA 17543
Elmer Murry 626-5244 - 626-2636
Richard Murry 626-8175 - 949-2280
Ken Miller 665-2073
Professional Auctioneers
Appraisers and Advisors
Since 1953
AU-00648-L

SAT. JUNE 28 - 10AM Real Estate at 2 Real Estate, HH & Antiques. Located 10 mis. E. of Lancaster in Paradise. Turn off Rt. 30 on South Singer Ave. across from the Paradise Mennonite Church, Lanc. Co., PA. Terms: Elenora E. Hershey. Robert E. & Jeffrey R. Martin & Frank L. Steller, Aucts.

SAT. JUNE 28 - 10AM 75 Acres, Barn & House, HH. Grantville, PA. East Hanover/Lebanon Co. Near Penn Nat'l Race Track.

SAT. JUNE 28 - 4PM Farm Toy Consignment Auction at Lebanon, PA, Fairgrounds. Toy Show opens at 8:30AM. Info, 717-768-3554. Kline & Kreider Aucts.

SAT. JUNE 28 - 10AM 4 Acres, Antiques & Collectibles. Between Lavelle & Minersville along Rt. 901 in the Beury's Grove area; 2 mis. N. off I-81, Exit 35. Emily F. Hummel, Owner. Geo. & Mike Deibert, Aucts.

SAT. JUNE 28 - 9AM Sherwood Heavy Equipment Dispersal of over the road tractors, trailers, logging, dozers. Located Ulysses, PA, Potter Co. Mr. & Mrs. Harold Sherwood, Owners. Pirrung Aucts., Inc.

SAT. JUNE 28 - 8:30AM Real Estate, Antiques & Collectibles, HH, Coins. S. Center St., Gratz, PA. For: Kathryn E. Wiest. Dockey, Dockey & Deppen, Aucts.

SAT. JUNE 28 - 9:30AM Real Estate, Persoanl Property, Antiques. Located intersection of Hanover Rd. (PA 616) and Stoverstown Rd. (LR 66007). Jackson Twp., York, PA. Donald C. Perago. Jacob A. & Brian L. Gilbert, Aucts.

SAT. JUNE 28 - 2PM Real Estate. Located Kindig Drive, Manheim, RD6. Ervin H. Burkholder, Owner. Nevin Martin & Lewis Groff, Aucts.

SAT. JUNE 28 - Cars, Trucks, Utility Eq. For: Florida Power & Light, Riviera Beach, FL. Vilsmeier Auct. Co., Inc.

SAT. JUNE 28 - Light Duty Vehicles. For: Bell of PA, Camp Hill, PA. Vilsmeier Auct. Co., Inc.

SAT JUNE 28 - 9AM 40 Acres M/L & Dwelling, Antiques, Tools, HH. Located at end of Bonview Dr., East Cocalico Twp., Lanc Co.,, PA. Terms by: John E Wenger Estate. T. Glenn & Timothy G. Horst, Aucts.

SAT. JUNE 28 - 10AM Real Estate, HH, Antiques Located 10 mis E of Lancaster in Paradise turn off Rt. 30 on S. Singer Ave., across from Paradise Mennonite Church, Paradise Twp., Lanc. Co., PA. Terms by: Elnora E. Hershey. Robert E & Jeffrey R. Martin, Aucts. Frank L. Steller.

SAT. JUNE 28 - 9AM Real Estate, Personal Property. Lester F Troutman Estate. Located along Schubert Rd just E. of 501 N. of Bethel. Weik & Weik, Aucts.

SAT. JUNE 28 - 2PM 674 Acres in 12 Parcels. Dodge Rd., Oswayo & Sharon Twps., Potter Co. From Coudersport, N. on Rt. 44, 15 mis. to Millport, right turn on Eleven Mile Rd., 2 mis. to Dodge Rd., left 2 mis. to Parcel #1, sale held at Lodge. Kenneth A. Geyer Auct. Co., Inc.

SAT. JUNE 28 - 1PM 68 Acre Farm, Tools, Machinery Located 2 mis E. of Millville, PA, off Rt. 254 (Col Co) LeRoy & Edith Rambo, Owners Fraley Auct Co

SAT. JUNE 28 - 9:30AM 90 Acre Farm & Mobile Home, HH, Antiques, Ford Tractor, Farm Eq., Tools. Located 10 mis. W. of Lehighton, 8 mis. SE of Tamaqua, 1 mi. off Rt. 443 W. Penn Twp., Sch. Co., PA. Buelah Steigerwalt Est. Houser Aucts.

SAT. JUNE 28 - Real Estate. "Chert Mountain" Romney, West Virginia. Ownby Auct. Co.

SAT. JUNE 28 - 10AM Farm Mach. Allen & Lois Benton, RD1, Spring Mills, PA. On Cooper Street just Outside Spring Mills. Leon J. Smith, Jr. & James T. Smith, Aucts.

SAT. JUNE 28 - 10AM Real Estate, Forklift, Trucks, Trailer, Equipment, Parts, Tools, Office Eq. Zimmerman Truck Painting & Rebuild, Inc., along Rt. 11. From Newville Exit off I-81 go N. on Rt. 235, 1 mi. to Rt. 11, then S. on Rt. 11, 2½ mis. to Auction site. Kerry Pae Aucts.

SAT. JUNE 28 - 9AM 3rd Annual Flea Market & Auction. Located at Fire House at the corner of S. Queen & Cherry Sts. in Rising Sun, MD. United Auction Serv. W. David Farmer, Auct.

SAT. JUNE 28 - 9:30AM 112 Acre Farm, Personal Property. Located 1.8 mis. from Bear Gap, Cleveland Twp., Columbia, PA. Joseph & Elizabeth Palmer, Sellers. Hock's Auct. Serv.

MON. JUNE 30 - 3:30PM Antiques, HH, Coins. Located 20 N. Broad St., Adamstown, PA. Terms by: Irene Witwer. T. Glenn & Timothy G. Horst, Aucts.

JULY

TUES. JULY 1 - 1PM Real Estate, HH. Located ½ mi. S. of New Holland at corner of Hollander & Orlan Roads, Earl Twp., Lanc. Co., PA. Magdalena N. Hoover Estate. Diffenbachs Aucts.

TUES. JULY 1 - 6PM 3 Acres M/L Real Estate, 4WD Scout, Garden Tractor & Power Tools. Located 115 Ridge Ave., Ephrata Twp., Lanc. Co., PA. Terms by: Frank Moyer Estate. T. Glenn & Timothy G. Horst, Aucts.

PUBLIC AUCTION

FARM MACHINERY & HOUSEHOLD GOODS

SATURDAY, JUNE 21, 1986

10:00 A.M.

Located From Lancaster, take Rt. 462 (Columbia Ave.) to Mountville. Go to second traffic light, turn left on South Manor St. go approx. 1 mile, turn East on Hershey Mill Rd. 2nd place on the Right.

FARMALL CUB TRACTOR

Two way plow; small 2 section spring harrow; 1 hole corn sheller; 26 bales straw; air compressor; battery charger; wheel barrow; iron posts; Craftsman chain saw; B&D circular saw; electrical supplies; elec. motor; 2 wooden ext. ladders; 12 ft. step ladder.

8 hrp. Roto Hoe Rototiller; 21" Lawn Boy mower; Sears 22" self propelled mower; garden tools; P & beam scales; 2 picnic tables; folding porch chairs; fishing equipment; iron pump trough; 2 drain sink; metal express wagon; tricycle.

HOUSEHOLD GOODS: 15 cu. ft. chest freezer; Sears Coldspot refrig.; GE refrig.; Ward wringer washer, 1 yr. old; Kenmore dryer; double tubs; breakfast set, 6 chairs; kneehole desk & chair; couch & 2 matching chairs; coffee & end tables; Airline TV; cedar chest; toy chest; record cabinet; tier table; chest of drawers; lamps; floor lamps; 3 rugs; metal wardrobe & cabinets; Arvin elec. heater; window fan; 5, 6, 8, & 12 gal. crocks; pint & quart jars.

Terms by

CHARLES M. SUTER

Items to numerous to mention. NO OUT OF STATE CHECKS. Food Available

AUCTIONEERS CONDUCTING SALE: LLOYD KREIDER, AU-000513-L, RANDAL KLINE, ROY GOOD, GARY SHIRK

Kreider & Kline Auctioneers

Phone 717-786-3394

PUBLIC AUCTION

VALUABLE REAL ESTATE

42 ACRES M/L

JUNE 20, 1986

10:00 A.M.

Located along Mohler Church Road Ephrata Twp. and Ephrata Borough Lanc. County, Pa. Mohler Church Road is on east side of North State Street Ephrata, Pa.

A proposed residential subdivision to be offered on location. This proposed development consists of 42 acres M/L and is located in Ephrata Township and Ephrata Borough Lancaster County, Pa.

Suggested preliminary plan shows 84 lots for single detached or possible 168 residential semi-detached lots-plus 3 seperate lots along Mohler Church Road. Public water and sewer available per letter from Ephrata Borough. Each interested bidder may contact auctioneer for copies of letters relating to sewer planning module. Please note each bidder should determine the effect of Ephrata Township Zoning Ordinance upon the premises despite any item or items previously mentioned, no guarantees or warranties made on behalf of the auctioneer or seller.

Broker participation 1% upon registration prior to auction.

Auction for

A. RESIDUAL TRUST UNDER WILL OF ANTHONY F. BORDOGNA SR. ETAL

Shirk, Reist, Wagenseller & Shirk attys.

K.L. Shirk Jr. officiating

E.M. Murry Associates

10 S. Broad St.
Lititz, PA 17543

Elmer Murry 626-5244 - 626-2636
Richard Murry 626-8175 - 949-2280
Ken Miller 665-2073
Professional Auctioneers
Appraisers and Advisors
Since 1953
AU-00648-L

PUBLIC AUCTION

SATURDAY, JUNE 28, 1986

At 10:30 A.M.

Consignment auction of new & used Farm & Industrial Tractors, Farm Machinery & more to be held in our yard on the corners of Rt. 38 & 38B, Newark Valley, NY.

Watch next week's paper for listing.
Consignments Welcome

Sale By:

Auction GOODRICH
AUCTION SERVICE INC.

Rt. 38 & 38B
Newark Valley, NY 13811
(607) 642-8688

AUCTION

HEAVY EQUIPMENT, FARM EQUIPMENT, & SHOP TOOLS

SATURDAY, JUNE 21, 1986

at 10 A.M.

COOPERS PLAINS, N.Y. (CORNING, N.Y. AREA)

Take Rt. 17 west from Corning, N.Y. and exit at Coopers Plains exit. Turn left and go to Mill St.

SELLING:

J.D. 550 dozer (994 hrs.), J.D. 555 crawler loader (1971 hrs.), J.D. 510 backhoe (low hrs.), 1976 Chev. single axle dump, 2- Schield Bantam truck cranes, Int. 150 crawler loader w/4 in 1 bucket, Buffalo Springfield tandem roller, Gardner Denver 125 CFM air compressor, Huber maintainer, Miller blacktop spreader box, 12 ton tagalong trailer, 9 ton tagalong, 1975 Ford van, Int. single axle truck tractor (rough), single axle homemade lowboy trailer (rough), 3 skid tanks.

FARM EQUIP.

N.H. model 850 round baler, N.H. 273 baler w/thrower, N.H. 489 haybine, N.H. 256 side rake, David Brown 990 diesel w/cab, 3 pt. hitch snowblower, Int. 80 3 pt. hitch snowblower, Case 3 bottom 3 pt. hitch pow, 3 kicker wagons, etc.

SHOP TOOLS, ETC.

36" band saw, Rockwell 9" bench saw, Craftsman 12" planer, 12" bench saw, Craftsman floor drill press, elec. power hack saw, drill press, 10" radial arm saw, shop air compressor, Forney elec. welder, elec. band hacksaw, 8" jointer, floor sander & edger, shaper machine, bench drill press, large wood lathe, Target concrete saw, 4" water pump, 3" mud sucker pump, Bolens lawn tractor w/mower, large quan. of steel beams & plate.

LUNCH ALL DAY

Joint venture by:

MRS. HOWARD SUTHERLAND,
Preliminary Executrix &
BOB HOOEY CONST. &
BOB HOOEY FARMS

Managed and sold by:
DICK CRITTENDEN AUCTION CO.
MANSFIELD, PA. 16933
717-662-3131 or 662-3409
PA. LIC. # AU000191-L

ESTATE OF LARRY MORRIS

COMPLETE DISPERSAL

TUESDAY, JUNE 17, 1986

11:00 A.M.

MONTOUR FALLS, NEW YORK

Sale to be held at the farm, County Road 8 (Skyline Drive) 2 miles south of Rt. 79, 5 miles north of Rt. 224, 5 miles north of Montour Falls, 4 miles northeast of Watkins Glen, or follow auction arrows off Rt. 414.

160 HI-GRADE HOLSTEINS (a Few Aryshire-Holstein cross)

This herd has a DHIA rolling herd average of 16,794M 3.5 591F. Selling will be 85 cows, 7 close bred heifers, 19 heifers due in Dec., 49 Open heifers and calves. This is a top Eastern bred herd with good udders and in good flesh. The heifers are well grown. The herd has been a A a mated for many years. Cattle will be blood and TB tested and ready for immediate interstate shipment. Attend this sale to buy good, honest tie stall cows and well grown heifers. This is a year round freshening dairy with 23 cows due in June and July.

FARM MACHINERY

Ford 8000 diesel tractor, dual power; Ford 5000 diesel tractor, overhauled 1 yr. ago; 18.4-38 snap on duals; 18.4-34 snap on duals; JD B tractor; Ford 6 bottom 16 in Model 142 spring reset plow with on the land hitch and in the furrow hitch; IHC 4 bottom trailer plow; 12 ft. Pittsburg mobile disc; 12 ft. Ford mobile disc; Brillion 12 ft. cultipacker; 24 ft. transport drag with 200 gal. fiberglass tank and spray booms; NI Unisystem 702 diesel base unit with 3 row chopper and hay pickup; Unisystem super sheller; Unisystem No. 738 4 row narrow corn head; 2 Knight 17-7 3 beater self-unloading wagons on tandem gears, 4 yrs. old; Hesston 7020 field harvester with 2 row corn head and hay pickup; Ford 618 blower; NH 495 haybine; 12 ft.; NH 273 hayliner twine baler with kicker; 2 basket wagons; JD 36 ft. hay and grain elevator; IHC 5 bar 9 ft. side delivery rake; large Martin 2400 spreader, tandem wheel, 3 yrs. old; 2 Killbros 350 grain boxes on running gears; Ford 4 row plate planter with monitor, 4 yrs. old; Pincor 30,000 watt pto alternator; 1976 Dodge ¾ T pickup Club Cab; 1969 Dodge pickup, for parts, good motor; home-made lime spreader; Weaverline electric feed cart with charger; a few misc. items.

PRODUCE

Approx. 50 ton high moisture shelled corn in Harvestore.

SALE ORDER: 1. Farm Machinery - 2. High moisture corn, 3. - Cattle sell at approx. 12:00 Noon.

TERMS: Cash or good check day of sale. Nothing removed until settled for.

EST. OF LARRY MORRIS, OWNER
MONTOUR FALLS, NY

HARRIS WILCOX INC.

HARRIS WILCOX, Inc.
Sale Managers and Auctioneers
Bergen, N.Y. 14416
Phone 716-494-1880

PUBLIC AUCTION

90A. FARM & MOBILE HOME, HOUSEHOLD, ANTIQUES, FORD TRACTOR, FARM EQUIP., & TOOLS

SATURDAY, JUNE 28, 1986

9:30 A.M.

Located 10 mi. W. of Lehighton, 8 mi. S.E. of Tamaqua, 1 mi. off Rt. 443 West Penn Twp., Sch. Co.

REAL ESTATE

TRACT #1- 90A. Farm, 70 A. tillable, bal. in woodland & pasture, 1500' rd. frontage. 2½ Story 9 rm. home, 4 bedrms., 1½ bath, kitchen, dining & living rm., coal h/w heat, 2 story bank barn, other outbldgs., stream.

TRACT #2- 2 A. w. 12x70 Mobile home, 3 bedrms., bath, kitchen, dining-living rm., all conv.

ANTIQUES

Reverse painted lamp, Oak wash stands - tables - chairs, Mission desk, dough box, 1920's dressers - bed - chest of drawers, slant top desk, Gingerbread & mantle clocks, camelback & steamer trunks, fruit pictures, deep set frame, post cards, Xmas ornaments, quilts, oil lamps, shades, lanterns, butter churn, blue agate, Planter Peanut can, split oak baskets, butcher bells & fork, coffee grinder, Biscuit box, porch swing, copper apple butter kettle, Enterprise stuffer & grinder, N.white Carnival, dep. glass, German bisque doll head, Gold watches, coins, etc. 4 pc. breakfast set, 3 pc. living rm., TV, occ. chairs, sew machine, Victor safe, linens, blankets, sweeper, radio, Remington 12 gauge, Ranger 22, binoculars, etc.

EQUIPMENT

8N Ford - 2 row cultivator - 5' cut rotary mower - 14" 2 gang plow - 7' grass mower - sgl. gang plow, 8' disc, 6' sno blade, 2 wheel metal trailer, D.B. hammer mill, 2 horse box sled, 5 h.p. Gilson rear tiller, corn sheller, platform & beam scales, wagon wheels, Rem. power saw, butcher equip., vises, rip saw, Cub Cadet 7 h.p. 42" riding mower, weed wacker, garden tools, Mercury Montery 4 dr. car, etc.

PART LIST * LARGE SALE

BUELAH STEIGERWALT EST.
Warren Steigerwalt, Executor

Houser Aucts. AU-000445L
717-386-5631 or 2191 & 215-799-2396

AUCTION

SATURDAY, JUNE 21, 1986
10 AM

At Fivepointville Fire Hall, Rt. 897.

Benefit for Freedom Gate Halfway House. Ministry to former prisoners.

Info. 215-777-0171

PUBLIC AUCTION

COMPLETE BUSINESS LIQUIDATION DISPOSAL
SATURDAY, JUNE 28, 1986
AT 10:00 A.M.

Zimmerman Truck Painting and Rebuild, Inc., Located along Route 11. From Newville Exit off I-81 go north on Rt. 235 one mile to Route 11, then south on Route 11, 2½ Miles to Auction site.

REAL ESTATE 1:00 P.M.

PARCEL #1- Approx. 35 Acres w/3 Bedroom Stucco Masonary Dwelling. 1½ Bath, Living Room, Dining Room, Family Room, 2 Car Garage, Basement. Oil Hot Water Heat, 1,000 Gal. Tank, Subdivision Possibilities. Road Frontage.

PARCEL #2- Approx. 100 Acres w/Large 10 Bay Block Commercial Building. 6 Offices, Rest Rooms, Shower Rooms, Lunch Room, Parts Room, Paint Storage Room, 3 in Ground Fuel Tanks w/Pumps. Also 25 Stall Horse Barn/Tack Room & a 12x70 Champion Mobile Home w/3 Bedrooms, Bath, Living Room, Kitchen & Laundry.

TRACTS WILL BE OFFERED SEPARATE OR COMBINED, WHICH EVER PROVES MOST ADVANTAGEOUS TO SELLER.

TERMS- Deposit of $10,000.00 in Cash, Cashier or Certified Check, Payable to Kerry Pae Auctioneer at Time of Auction. Balance Due in 60 Days at Settlement. Subject to Immediate Confirmation of Seller. Inspection by Calling 717-236-3752.

FORKLIFT TRUCKS
TRAILER 2:00 P.M.

1969 Warner-Swassey 6,000 Lb. Pneumatic Forklift, 1979 Kenworth COE Twin Screw Tractor, 1970 Mack F Model V8 Tractor, 1970 Chev Cab & Chassis, 1974 Chev Stake Body Truck, 1973 Trailmobile Flatbed Trailer, 1965 Ford Pick-Up Truck, 1956 White Holmes Wrecker, Storage Van Trailer, 25 Wrecked Tractor Cabs for Parts & Salvage.

EQUIPMENT TOOLS PARTS 10:00 A.M.

2 Truck Painting Booths 16x38 & 16x48, Southern 20 Ton Arbor Press, Miller Heli-Arc Welder, Gilbraco 10 Hp Air Compressor, Amerac Model 400 Portable Tire Truer, Truck Transmission Jack, Speedaire 10 Hp Compressor, Emglo 5 Hp Air Compressor, Lincoln 225 Amp Arc Welder, Citation Steam Jenny, Dupont Multi-Mix Paint Mixer, Red Devil Paint Shaker, Floor Jack, 16 Ton Bumper Jack, Cutting Torch Outfit, 4 Ton Porta Power, Black & Decker 14" Cut off Saw, Bench Grinder, Dayton ¾ Hp Grinder, 20 Amp Battery Charger, 30 Gals. Paint, Headlight Aimer, Jig Saw, Lenco Spot Welder, Impact Wrenches, Air Tools, Kansas Jack Power Post Puller, Sand Blasting Outfit, Bench Vise, Polisher, Com-a-long, Pipe Bender, New Nuts & Bolts, Brass Fittings, Spray Paint, Pipe Threaders, Seal Tools, Hose Clamps, Fire Ext., Chain Saw, Bottle Jacks, 2 Ton Chain Hoist, Jack Stands, Ladders, Metal Shelving, Tire Racks, Truck Seats, Engine Parts, Hundreds Truck Parts, Work Benches, Truck Tires All Sizes, Radiators, Windshields, Gear Oil, and Hundreds Misc. Parts & Truck Related Items!!

OFFICE EQUIPMENT

2 Office Desks, 3 Two Drawer File Cabinets, 4 Drawer Legal File, Office Chairs, Book Shelf, 6 Drawer File Cabinet, Adding Machines, Calculator, Lockers, 2 Breakfast Sets, Cabinet, Etc.

OWNER IS GOING OUT OF BUSINESS-EVERYTHING GOES!!

ZIMMERMAN TRUCK PAINTING AND REBUILD, INC.

KERRY PAE AUCTIONEERS
4613 NORTH FRONT STREET
HARRISBURG, PA 17110
(717) 236-3752
AU 1367

FARMERSVILLE AUCTION

TUESDAY, JUNE 17
3:00 P.M.

In Farmersville, 3 mi. east of Brownstown, Lanc. Co., Pa.

Selling an apt. lot from Neffsville for Farmers First National Bank in Lititz plus additions.

See Lanc. Newspaper Sat., June 14 for full listing.

WE SELL ON COMMISSION

Call **JOHN J. RUTT**
(717) 354-5095

Auctioneer: Lester Weaver
AU-982-L

Consignments being accepted for our July 4 Antique Sale.

PUBLIC AUCTION

JOHN CALDERWOOD ESTATE
FRIDAY, JUNE 20, 1986
6:00 P.M. to 8:30 P.M.
SATURDAY, JUNE 21, 1986
9:30 A.M.

Route 22 West, turn at Centre Union Church - Watch for Signs. Sale to be held on premises.

FRIDAY EVENING, JUNE 20, 6:00 P.M.
Hand tools, step ladder, oil, square oil drum with pump, wooden cupboard top, wheelbarrows, 2 hand cultivators, 3 gas mowers (as is), new stove pipe, lard cans, wooden bowls, shutters, jars, 3600# Howe Scales (must be removed), chicken brooders, bottles, 2 portable washers, porch glider, log roller, high victrola cabinet, end table, lamps, cast stove, stands, some odd dishes, iron cot, axes, asphalt tar, oil heater, other items too numerous to mention.

SATURDAY, JUNE 21, 9:30 A.M.
1954 Ford 250 Pickup Truck, Real Estate, and many antiques.

Household items:- 5 pc. dinette set, every day dishes, pots and pans, small b/w TV, electric heater, table lamps, step stools, cabinet base, Hoover upright sweeper, Suburban gas heater Christmas items, Unico chest type freezer, G.E. 40" electric stove, Stevens 12 ga. shot gun, G.E. refrigerator, Wards chest type deep freeze, Signature chest type deep freeze, wood stove (heater) 8 H.P. Dynamark riding mower, 2 McCullough chain saws, chimney sweep brush, many other household items not mentioned.

ANTIQUES: Old cans, cherry seeder, tin advertising cans cigar boxes, baskets, dining room table, china closet, server, iron beds, oak dressers, high back bedroom suite, flat top trunks, round oak table, pine corner cupboard, oak slant top desk (needs bottom in drawer), Dutch cupboard, drop leaf tables, pressed back chairs, kerosene lamps, hall rack, saucers, high wall clock (Extract advertising), oak stands, brown marble top stand, oak side board, wash stands, bottles, old large picture frames, pressed back rocker, photographs, 2 blanket chests, iron kettle, vanity, slaw cutter, crocks (1-3-10-20-30 gallon), Single treadle sewing machine, oak bed, wicker chairs, oak rocking chairs, wicker rocker cuckoo clock, milk stool, high back oak bed, brass lamp, 2 old wooden washers, trunks, skillets (iron), child's rocker, milk can, oak wash stand (with mirror), 1923 Cheri-Coke calendars, many other antiques not listed.

A very good Antique Sale - Plan to attend.

Real Estate- To be sold Saturday, June 21 at 11:00 A.M.

Parcel consisting of approximately 62 acres having thereon erected a dwelling house in poor condition, a two story block garage (40x60), and scale house-garage. TMR 17-06-105. See DB 0-4-568 and adverses. **10% down, settle within 30 days. Share realty transfer taxes.**

Owner has right to reject any or all bids. Positive ID. required.
Rain Date, Friday, June 27, 6:00 P.M. and Saturday, June 28 at 9:30 A.M.

David Molek, Attorney
Executor of the Estate of
JOHN P. CALDERWOOD
Phone: 717-248-9656

Blaine C. Aumiller, Jr.,
Auctioneer AU-28L
Complete Auctioneering Services and Appraisal Services
Phone 717-248-4630
Burnham, PA 17009
Lunch Stand

Public Auction Register

Closing Date Monday 5 00 P M of each week s publication

WED. JULY 2 - 5PM Antiques, HH Goods, Tools. Located 34 Fairview Dr., Akron, PA. Terms by: Charles D. Felker. T. Glenn & Timothy G. Horst Aucts

FRI. JULY 4 - 9AM Farmersville Auction, Farmersville, 3 mis. E. of Brownstown, Lanc. Co., PA.

FRI. JULY 4 - 9:30AM Antiques, Furniture, HH, Collectibles & Tools. Located 115 W. King St., Ephrata, PA. By: David G. Hornberger. T. Glenn & Timothy G. Horst, Aucts.

SAT. JULY 5 - 10AM Flea Market. On PA Rt. #24 between Stewartstown & New Park. Stan & mary Nagle, Owners. York Co. Livestock Sales Ltd.

SAT. JULY 5 - 9AM Real Estate, Antiques, HH, Shoe Repair Eq. Located 1328 W. Main St., Ephrata, PA. Rt. 322-Lincoln Area. Terms by: Ethel H. Burkholder T. Glenn & Timothy G. Horst, Aucts.

FRI. JULY 11 - 7PM Horse Sale at New Holland Sales Stables, New Holland, PA.

FRI. JULY 11 - 1:30PM Public Auction of PA State Graded Feeder Pigs. Carlisle Livestock Market, Exit 12 off I-81. 717-249-4711.

SAT. JULY 12 - Vermont Sheep Breeder's Assoc At the Addison County Field Days grounds in New Haven, VT

SAT. JULY 12 - 10AM Hay Sale On PA Rt #24 between Stewartstown & New Park. York Co Livestock Sales Ltd. Stan & Mary Nagne, Owners.

SAT. JULY 12 - 9AM Real Estate, Antiques, HH, Tools, Cars. Located 380 Wood Corner Rd., Clay Twp., PA. Rv. 322 W. of Ephrata turn S. on Wood Corner Rd. Terms by: Frank M. Steinmetz Estate. T. Glenn & Timothy G. Horst, Aucts.

SAT. JULY 12 - 9AM Annual Consignment & Quilt Sale. Located Shermans View School, 1 mis. S. Centre, 3 mis. W. of Loysville off Rt. 274. For the Benefit of Perry Co. Amish Parochial Schools. Art Kling, Auct.

SAT. JULY 12 - Utility Trucks & Eq., Light Duty Vehicles, Tools, Materials. For: Philadelphia Electric Co., Norristown, PA. Vilsmeier Auct. Co., Inc.

SAT JULY 12 - 9:30AM National Finnsheep Sale, Penn State Ag Arena, State College, PA. Hosted by: Keystone Sale. Bob Calvert, Mgr.

SAT. JULY 12 - 9:30AM Farm Mach. For the Estate of Henry Smithana. Located Case Rd., ¼ mi. S. of Old York Rd. ½ mi. E. of Rt. 202, 7 mis. NE of Flemington, NJ (Centerville Exit). Col. Fred R. Daniel Aucts., Inc.

SAT. JULY 12 - Benefit Auction for the Singing Servants Choral Group at the Manheim Community Farm Show Building, Manheim, Lanc. Co., PA. H.H. Leid Auct. Serv. John H. Fry, Auct.

AUCTION SALE

COMPLETE LIQUIDATION OF ASSETS

LAUNDRY MACHINERY

PARTS INVENTORY, TOOLING, FORKLIFTS
TUESDAY, JUNE 24 at 10 A.M.
ON PREMISES
COLUMBIA LAUNDRY & MACH. CO.
100 BRIDGE ST., COLUMBIA, PA.

Sale Consists of the Large Inventory of This Full Line Distributor, Comprising in part, Rebuilt, Reconditioned and Used Commercial Laundry Machinery and Equipment, Various Types, Makes & Models, Components, Parts Inventory, Machine Shop & Vehicles

WASHERS, FOLDERS, IRONERS, PRESSES

8-Hydraxter, National & Milnor Extractors, 13 Chicago, Jensen, Hydraxter, Super-single & Multilane Folders & Folder/Crossfolders, 23 Chicago, Hydraxter, Sjostrom & Grantham Small Piece Folders, 5 American Streamline Flat Work Ironers, 2, 4 & 6 Roll, 1-2 Roll Hooge Thermal Fluid Ironer, 1-8 Roll Hoffman Ironer, 38 Unipress, Base & Baye Shirt - CCC & STH Collar & Cuff MSA Sleevers, Apparel & Pants Presses, 26 American, Ajax, Hoffman, Prosperity & Colmar Coat & Shirt Presses, Utility & Dry Cleaning & Garment Presses, 10 American, Hydraxter & McCabe Spreader Feeders, 11 Jensen Stackers, 12-50 Lb. - 100 Lb. Steam Dryers, 14-50 Lb. to 700 Lb. American & Jensen Washers, Washer Extractors.

DELIVERY VAN, STAKE BODY TRUCKS

1984 GMC Vandura 2500 Delivery Van V-8, 1976 Chev. 1 Ton Stake Body Truck w/Hydraulic Gate, 1964 International Loadstar Stake Body Truck.

SHOP MACHINERY, PARTS INVENTORY, FORKLIFTS

Radial Arm Saws, Moak Band Saw, Shears, Benders, Brakes, Cin. Milling Machine, Vertical & Horiz. Boring Machines, Turrett & Engine Lathes, Drill Presses, Planers, Welders, Vises, Grinders, Sanders, Power Tools, Reamers, Hoists to 5 Ton, Shelving, Scales, Yale 1500 Lb. Gas Forklift, Clark 4000 Lb. Propane Forklift, 85 - ¾ to 20 H.P. Elec. Motors, **PARTS INVENTORY** – Quantity of Valves, Coils, Repair Kits, Selenoids, Gaskets, Rings, Springs, Seals, Washers, Controls, Relays, Lamps, Regulators, Thermostats, Switches, Fuses, Belts, Etc.

TERMS. CASH OR GUARANTEED FUNDS - 25% DEPOSIT REQUIRED
COMPLETE PAYMENT SALE DAY
INSPECTION MONDAY, JUNE 23 - 10 A M to 3 P M

PA AUCTIONEERS LICENSE NO AU000175L

Wm. F. COMLY & SON
Auctioneers
1825 E. BOSTON AVE., PHILA., PA. (215) 634-2500

SPORTSMEN/INVESTORS
634 ACRES/IN 11 PARCELS/POTTER CO.
W/SEWAGE PERMITS & 50' RIGHT-OF-WAYS
THE ENCHANTED NORTH WOODS OF PENNA.
A SPORTSMAN'S PARADISE

ABSOLUTE AUCTION

SALE ON PREMISES
SATURDAY, JUNE 28,1986 at 2 P.M.
-To The Highest Bidder-
Individually, Combinations Or As An Entirety

Dodge Rd., Oswayo & Sharon Twps. From Coudersport: North on Rt. 44, 15 Mi. to Millport, right on Eleven Mile Rd., 2 Mi. to Dodge Rd., left to sale site.

Former estate of the late R C Holmes, pres of Texas Oil Co Buy at your price this spectacular acreage Parcels range in size from 15 to 96 ac All gently sloping wooded & open land except for ski slope area Timber harvest in 6-8 yrs, tillable or pasture acreage & beautiful woodland, a perfect site for Vacation/hunting/year round homes, sports resort, etc

ABOUNDS WITH DEER, TURKEY, BEAR
- THE BEST HUNTING IN PA -

15% Deposit at sale
Request Brochure
Settle Within 60 Days
Broker Participation Invited

Inspection: Sunday, June 15, 2 to 4 P.M.

KENNETH A. GEYER AUCTION Co. Inc.
SUITE 102 • 661 WEST GERMANTOWN PIKE
PLYMOUTH MEETING, PA 19462 • LIC AU-332L
(215) 834-1854 • Pottstown 326-3856

Public Auction Register

MON. JULY 14 - Farm Mach., Tools. For: John K. Hershey & Norman Sauder. Held at RD6, Manheim, PA. Paul E. Martin & John D. Stauffer, Aucts.

THURS. JULY 17 - 5PM Valuable Antiques & HH. Located 312 W. Main St., Newmanstown, Leb. Co., PA. By: John H. Fredrick. H.H. Leid Auct. Serv. John H. Fry, Auct.

THURS. JULY 17 - 2PM Real Estate, Building Lot, Antiques, HH. Located 44 Terrace Ave., Ephrata, PA. By: Martha E. Boose. T Glenn & Timothy G. Horst, Aucts.

FRI. JULY 18 - 6:30PM Feeder Pig & Cattle. Keister's Middleburg Auction, along Rt. 522, Middleburg, PA.

FRI. JUNY 18 - 5:30PM Antiques & HH sold at every auction. Located off Rt. 41, Lancaster Turkey Hill Minit Mkt., cross RR bridge. Ira Svoltzfus & Son, Aucts.

SAT. JULY 19 - 10AM ... Market On PA Rt. #24 between Stewartstown & New Park. York Co. Livesvock Sales Ltd. Stan & Mary Nagle, Owners.

SAT. JULY 19 - 9AM Antique Furniture & ... Located along Rt 222 between Adamstown & Reading (1 mi. S. of Gouglersville-Next to ... 's Antique Mall), Berks Co., PA. Terms by: Glenn & Kathryn Baker. T. Glenn & Timothy G. Horst, Aucts.

FRI. JULY 25 - 5:30PM Antiques & HH sold at every auction. Located off Rt. 41, Lancaster Turkey Hill Minit Mkt., cross RR bridge. Ira Stoltzfus & Son, Aucts.

LESTER F. TROUTMAN ESTATE

PUBLIC AUCTION

REAL ESTATE & PERSONAL PROPERTY

SATURDAY, JUNE 28, 1986

9 A.M.

On the premises along Schubert Rd., just east of 501 North of Bethel.

2½ story dwelling with oil air heat well on premises, 2 car block garage all m lot appr. 150 ft.x300 ft. For further information call (717)865-6158 for inspection appointment. Also full line of household goods & low mileage Ford Fairmount 2 door. Sale time 9 A.M. Real Estate 1 P.M.

Sue Royer
(Executrix)

Attorney Steiner & Sauder
Aucts. Weik-Weik
AU-000988-L

LEE D. DOCKEY AUCTIONEER
ESTATE LIQUIDATOR APPRAISER
Box 164 Pillow Pa 17080
Phone 758 6004

PUBLIC AUCTION

SATURDAY JUNE 21, 1986 8:00 A.M.

LOCATION: SOUTH PINE STREET, PILLOW, PA.

REAL ESTATE

2½-STORY FRAME HOUSE W/ATTACHED 1½-STORY FRAME SUMMER HOUSE situate on South Pine Street in the Borough of Pillow, Dauphin County, having a frontage of 195', more or less along South Pine Street & a depth of 168', more or less...First floor consists of LARGE KITCHEN W/WALL OVEN UNIT & COUNTER-TOP RANGE & 2 LIVING ROOMS...Second floor has 3 BEDROOMS, BATH & SMALL SEWING ROOM...FULLY CEMENTED CELLAR...THERM OVAL HOT WATER FURNACE...MISC. FRAME OUTBUILDINGS SUCH AS 2-STORY BANK BARN, 2-STORY CHICKEN HOUSE, 2-STORY PIG STABLE & 1½-STORY WORK SHOP.

For additional information or inspection phone 692-3333 after 4:00 P.M. or 758-6004. Real Estate will be offered at 1:00 P.M.

ANTIQUES & COLLECTIBLES

Blanket Chest; Flour Chest w/Original Graining; Oak Combination Bookcase-Desk w/Claw Feet; Soft Wood Extension Table; Oak Sideboard w/Ornate Top; 1-Drawer Stand; 3-Pc. Depression Era Living Room Suite; Brass Bed; Square Oak Stand w/Lg. Marble & Claw Feet; H.C. Bay Upright Piano; Early Decorated Wrought Iron Safe Marked C.F. Buffington; Meat Bench, Morticed-Through Bench; Plank Bottom Rocker; Two Sets of 6 Oak Pressed Back Chairs; Decorated Spinning Wheel Rocker; Oak Rocker; Oak Drop-Head Sewing Machine; Quilting Frame; Wooden Wheelbarrow; Enterprise sausage Stuffer; (2) Iron Butcher's Kettles; Turn of the Century Wooden Cemetery Memorial Display; Tin Decorated Ice Cooler; Assortment of Crocks & Jugs; Wooden Butter Churn; Iron Teakettle; Barn Lanterns; Butcher's Ladles & Forks; Copper Washboiler; Fanny Basket; Half Shade Gone w/the Wind Lamp; Ball Shade Milk Glass Gone w/the Wind Lamp; Skater's Lantern; Misc. Kerosene Lamps; Copper Clad Kitchen Coal Stove w/Warming Closet Top; Columbian Oak Coal Room Heatrola; Gold Leaf Mirror; Flower Garden Pattern Quilt; Old Registry List from Pillow Boro; Rooster Cookie Cutter; Gridley Water Pitcher; Assorted Depression, Pattern & Carnival Glass; 1910 Calendar Plate; Planter's Peanut Jar; Tin Wm. McKinley Tray; Numerous Other Items.

1962 4-DOOR CHEVROLET BELAIR - A TITLE - 41,000 ORIGINAL MILES (WILL BE SOLD AT 1:00 P.M.)

HOUSEHOLD ITEMS

G.E. 14.7 cu. ft. Refrigerator-Freezer; G.E. Heavy Duty Automatic Washer & Dryer; Gibson Chest-Type Freezer; 7-Pc. Breakfast Set; 3-Pc. Living Room Suite; 4-Pc. Waterfall Bedroom Suite; Winchester Model 67 .22 Rifle; Misc. Dishes, Pots & Pans; Etc.

TOOLS & MISC. ITEMS

CONTENTS OF OLD WOODWORKING SHOP W/MANY ANTIQUE TOOLS SUCH AS: Wooden Carpenter's Work Bench, Wooden Carpenter's Box w/Original Green Paint, Broad Axe, Adz, Hand Saws, Wooden Molding Planes, Brace & Bits, Spoke Shavers, Wooden Gluing Clamps, Slicks, Gould Machine Co. Morticing Machine, (5) Lg. Building Jacks, (4) Barn Augers; Fuller & Johnson 1½ h.p. 1-Cylinder Gasoline Engine; Cement Mixer; Wheelbarrows; (3) Metal Concrete Georgia Buggies; Wooden Hog Scalding Trough; Horse Drawn Cultivator; Meat Grinders; Misc. Hand & Garden Tools; Etc. (NOTE: SALE WILL BEGIN W/TOOLS.)

TERMS: REAL ESTATE - 10% DOWN. FURTHER TERMS AND CONDITIONS TO BE GIVEN DAY OF SALE. PERSONAL PROPERTY - CASH. PERSONAL CHECKS ACCEPTED ONLY FROM PERSONS HAVING AN ESTABLISHED ACCOUNT W/AUCTIONEER OR APPROVAL PRIOR TO DAY OF SALE.

MILDRED A. GOTSHALL, OWNER

ALLEN SHAFFER, ATTORNEY
AUCTIONEERS: DOCKEY #AU229L, DOCKEY #AU1683L & DEPPEN #AU1957L

PUBLIC AUCTION

SATURDAY, JUNE 21, 1986

AT 10:00 A.M.

1 Mile North of HEGINS along Rt. 125 in Schuylkill County, Pa.

FARM EQUIPMENT * HOUSEHOLD FURNISHINGS * ANTIQUES & COLLECTIBLES

Farmall Super C Tractor w/Wide Front; Farmall Super A Tractor w/Wide Front, Good Rubber (nice condition) including Cultivator & 2-Way Plow; 4-Row M.F. No. 468 Corn Planter; F.H. 2-Bottom 14" Plow; 2-Section & 3-Section Harrows; Cultipacker; 24' Bale Elevator; Chicken Feeders & Nests; Egg Baskets; DeHorner; Platform Scale; Wheelbarrow on Rubber; Rolls of NEW Barb Wire; Belting; Ladder Jacks; Work-Mate Bench; Overhead Door; (2) Jack Stands; Garden Tools; B/Q Grill; (2) Porch Swings; Glider; Toys; Sleds; Child's Wagon; Whirlpool Automatic Washer & Dryer; Kenmore 4-Burner 40" Gas Range;; Child's Crib; Benches; Chairs; Copper Water Tank; COPPER KETTLE; Butcher Kettle; Butcher Bench; Iron Hand Pump; Cast Iron Kettle; Treadle Sewing Machine; Oak High-chair; School Desks; Crocks; Jugs; Wooden Pulleys; Nail Kegs; Ice Tongs; Lantern; Miner's Clothes Hook; Coal Buckets; Counter Scale; many other items not listed.

Refreshments Available

Owner-
NEVIN R. MILLER
(717) 425-3313

Mike, Auctioneer AU1599-L
DEIBERT George, Realtor & Auct. AU209-L

PUBLIC SALE

OF FINE HOUSEHOLD FURNISHINGS - APPLIANCES TOOLS AND COINS

Akron

TUES. EVE., JUNE 17, 1986

At 4:30 P.M.

Coins at 8 P.M.

Located at 46 Knollwood Dr., Akron, Pa. (Directions: Rt. 272 to Ephrata at Wendy's turn west onto Rothsville Rd. - Rt. onto Heritage Rd. - Rt. onto Knollwood Dr.).

Solid Cherry Bedroom Suite

(Queen Size Bed)

Jesse French Piano with Lowrey Organ
and Needlepoint Bench

Early American Sofa Bed; Living Room Suite (like new); Maple Dining Room Suite (ext. table, 6 chairs and hutch); Walnut End & Parlor Tables; Maple Arm Rocker; Lounge Chairs; 2 Lazy Boy rocker-Recliners.

Appliances - MAYTAG AUTOMATIC WASHER & DRYER; 20 cu. ft.; Chest Freezer; Zenith (Allegro) Component Stereo; Zenith Color T.V.

T.M. PACER (Running - Exercise Machine); Brass Lamp; Brass Bucket; Iron Banks; Child's Iron; Costume Jewelry; Watches; Antique Strawberry.

China & Glassware

Carnival Bowl; Flowered Carnival Bowl & Carnival Glass; Tea Set; Fruit and Flowered Dishes; Pressed & Pattern Glass; Painted Tin Ware; Compotes; Condiment Set; Fostoria Candleholder & Basket; Winfield China; Pie Paddle; Depression Glass; Jug.

Tools

8 H.P. Simplicity Tractor

Rear Catcher (Bagger), Like New

Hahn Rotary Power Mower; Hahn Snow Giant Snow Blower; Lawn Seeder; Bag Wagon; Lawn Cart; Bench Grinder; Electric Drill; Jig Saw; Stepladder; Saws; Hand Tools; Garden Tools; Battery Charger; Digging Iron; Sleigh Bells; WINCHESTER Ice Skates;.

C. Sharps 4 Barreled Pistol; .22 Smith & Wesson Pistol.

Coins

Silver Dollars - 57 Silver Dollars 1838; 252 Silver Quarters; 68 Silver Dimes; 87 Nickels; 2c Pieces; Large Cents; Indian Head Pennies.

Terms by:
JOHN W. WITTERS
KATHRYN Z. WITTERS

T. Glenn Horst, Auct.
859-1331 - AU000438L
Timothy G. Horst, Auct.
738-1245 - AU001767L

GAP AUCTION

FRIDAY EVE., JUNE 20

5:30 P.M.

Located off Route 41 - Lancaster Avenue Opposite Turkey Hill Minit Market - Cross RR Bridge.

ANTIQUES AND HOUSEHOLD GOODS SOLD AT EVERY AUCTION.

CONSIGNMENTS ON MONDAYS FROM 8:00 A.M. to 7:00 P.M.

IRA STOLTZFUS & SONS, Auctioneers
442-4936 or 442-8254
AU000907-L
CONDUCTORS ALL TYPES PUBLIC SALES

PUBLIC SALE

Of Antiques, Household Goods, Paintings, Classic Car & Tools

Farmersville Fire Hall

SATURDAY, JUNE 21, 1986

At 9 A.M.

Tools to be sold first - Car at 1 P.M.

Sale to be held at Farmersville Fire Hall located along E. Farmersville Rd., Village of Farmersville, Lancaster Co., Pa. (Between Brownstown & Hinkletown).

FRENCH PROVINCIAL BEDROOM SUITE; WALNUT MARBLE TOP WALL MIRROR & RACK; 6 ft. Cherry Hutch & Matching Cherry Server; Claw Foot Fainting Couch & Love Seat; Dovetailed Empire Bureau; Walnut Extension Table; Captain's Chairs; Provincial Side Chairs; Pine Jelly Cupboard; Upholstered Wing Back Chairs; Fiddle Back, Arrow Back, Half Spindle Rockers; Piano Chairs; Necchi Sewing Machine.

CHILD'S FAINTING COUCH; Child's Rocker; Camp Meeting Rocker; Clothes Tree; Deacon's Bench; Bevel Edge Mirror; Lyre Table; Marble Top Coffee Table; Nest-of-Inlaid Tables (Hackman); Hand Carved Elephant Lamp & Stool; King Size Mattress; Bamboo Chairs & Table; reed Set, Wood Drying Rack; Old Picture Frames.

PAINTINGS BY LOCAL ARTISTS - Madge Smith, Fran Ressler, "Skip" Stauffer, Dot Smith, Polly Good, Charles Carlson, Jere Brady, May Buckwalter, Ken Reidle, Sister Irenita Ecklind, Limited Print Gus Kermes; Budweiser Hanging Light; Brass "Jewish Minora" Candle Holder; Baskets; 78 RPM Records; Music Boxes; "Hummel Figurines"

Pr. Cranberry Mantel Lusters (Prisms); 5 pcs. "BULL'S EYE"; Roseville Vases; IRONSTONE; Majolica; BOHEMIAN Carnival Candy Dish; Cranberry Cruet; Mary Gregory Glasses; Amber Jar; LATE ADAMS Cup, Saucer and Plate; Aurora Plate; "Ava" Stoneware Plate; Flow Blue; Avon Plates 1973 through 1977; Crock; (FIESTA); Copper Teapot; Jardinieres.

Collector Plates; Assorted Cups & Saucers; SPODE CHINA "ROYAL JASMINE"; Glasses; Barker Bros. "Turkey" China (12); Chocolate Set; Pitcher Collection; Many Silverplates Serving Pcs.; Beam Bottles; Dairy Bottles (Blue Ball); "Mamie & Ike" Sugar & Creamer; Campaign Jewelry.

Feather Stitched Comfort; Table Linens; Many Toys; Games; Racing Set.

Tools

CRAFTSMAN MECHANICS UPPER & LOWER Tool Boxes; Machinist Tool Cabinet & Tools; B & D Orbital Sander; Soldering Gun; 7½" Circular Saw; B & D Drill Sabre Saw; Craftsman Belt Sander; Socket Sets; MANY WRENCHES - Pipe (Open & Closed End, Adjustable, etc.); Vise Grips; Water Pump Pliers; Ball Pin Hammer; Chisels; Micrometers & Calipers; Machinist's Squares; Depth Gauges; Dial Test Indicator; Axe; Work Bench; Stepladders; Midland C.B.; Medium Size Sofa (Sentry); Tractor Lawn Sweeper; 3 h.p. Rototiller; Misc. Garden Tools; Tackle & Tool Boxes; World War II Items; Japanese Rifle; Sword.

1963 S22 Mercury Comet Convertible

Terms By
CLEO DELP &
KENNETH & DOROTHY ZOOK &
KENNTH G. KELLER ESTATE

T. Glenn Horst, Auct.
859-1331 - AU000438L
Timothy G. Horst, Auct.
738-1245 - AU001767L

LARGE 4 DAY PUBLIC SALE

This is one of the finest sales to be held in Lewisberry, York Co. in the year of 1986.

VALUABLE ANTIQUES- GLASSWARE OF ALL KINDS- FURNITURE- GUNS- TOOLS & CEDAR LUMBER

SAT., JUNE 21 & SAT., JUNE 28, 1986
SAT., JULY 19 & SAT., JULY 26, 1986

Time: 9:00 A.M. Til 4:00 P.M. each day

Directions: Located at 301 corner Front & Lewis Street's Lewisberry, Pa. Traveling on I-83 from Harrisburg, Pa. use Exit 15 go South on rt. 177 to the Borough of Lewisberry, Pa. From York, Pa. go North on I-83 use Exit 13 go West on Rt. 382 to blinking light turn right go one block, turn Left to sale. Signs posted.

ANTIQUES***TOOLS***GUNS

A- Rarity 1942 Ford Jeep w/canvas top, 4 cylinder, 60 H.P. 80" wheel base, 60,300 mi.; one for parts as is; remington 30-06 model 700 rifle w/Bushnell scope; L.C. Smith 12 ga. field grade shot gun; Remington 20 ga. model 1100 modified shot gun; extra full choke 20 ga. barrel; Remington model 591 5 mm bolt action rifle w/Bushnell 1.5 scope; Savage model 1899, 22 HP lever action rifle; Franchi Laluig semi auto. 12 ga. magnum; new gun carrying case; Easy 5 H.P. gas engine log splitter, auger type, like new; Homart barrel type cement mixer w/electric motor; 2 Columbian Censor parlor stoves; 32' wooden extension ladder; 6½' Stanley level, new; mauls; hand saws; draw knives; wooden level; Enterprise #32 meat grinder; broad ax, signed L. Blood, N.Y.; plus other broad axes; Primitive wooden bit brace; carpenters adzes; grain sickle; splitting wedges; taper bit; wooden bench plane; plus other wooden block planes; wrenches of all kinds; hammers; screw drivers; hinges by sets; porcelain license plates; 1930-31 license plates; bullet molds; tin porch light w/red glass; hand corn sheller; Flolal Atta incubator for 100 eggs; 4 tone steam whistle; stack of good cedar lumber; 2x4, 2x6 boards; PTO sprayer pump for back of tractor; dinner bell; old books of all kind; 2 weather vanes; 1 Rooster, 1 Pheasant; Diamond book match dispenser; Buckingham tobacco can; copper ship lantern signed Birmingham & dated 1915; comic books; dolls from around the world; sm. maple leaf cradle; post cards, & post card albums; large chicken, lamb, & Santa Claus cake molds; plus many more interesting items not listed.

Sale #2---SATURDAY JUNE 28, 1986
9:00 A.M. til 4:00 P.M.

4- Planters Peanut jars w/Mr. Peanut on corners; Planters Peanut anniversary plate w/Mr. Peanut standing in center dated 1906-1956; green & blue hobnail vases; goblets; dishes; green glass flower frog; kitchen cabinet jar set; Czechoslavkia china set; 25- pedestal cake stands diff. sizes, pattern & colors; Moose head creamer; case of Moxie bottles; wash bowls & pitchers; 2-gal. jug signed John Low wine & liquor, Carlisle Pa.; A.C. Boll & Son bottle York, Pa.; C.F. Plitt porcelain top bottle York, Pa.; B.J. King bottle York, Pa.; Moul Bottling Works York, Pa. bottle; C.F. Welsh & Co. square wholesale liquor bottle York, Pa. Pat. July 9, 1895; G.B. Parthemore New Cumberland Pa. milk bottle; old York & Harrisburg Coke & Cola bottles; plus other bottles; blue flower crocks; Cowden & Wilcox blue flower crock; Onondaga cottage cheese crock; 2 gal. crock; brown salt crock; wood covered tin kerosene jug; E.S. & B. 2 gal. jug; 1827 Holy Bible; pressed & cut glass bowls, sugar & creamers, candle holders, spoon holders, flower vases, glass baskets & butter dishes; Roseville U.S.A. flower basket; Roseville planter; Roseville urn; pink satin bud vase; Wedgewood blue cookware set; blue hobnail vase; copper luster bowl; blue granite pudding pan; Heisey compote & vase; pink thumb print vase; white milk glass chicken on nest; Nippon candy dish; sm. wine goblet sets; oak medicine cabinet; old kerosene lights; Rayo lights; 3 jardineres; mini. camel back trunk; Oster kitchen center, new; bric-A-brac, deep well, & other old frames & pictures; diff. sizes of reed & woven baskets; nice coverlet; linens of all kind; also many interesting items not listed.

AUCTIONEER NOTE: This is a sm. listing of what is to be sold. Plus more to be sold on the next two sale dates July 19th. & July 26th. 1986. Watch for sale bills later. Order of sale: Sale starts at 9:00 A.M. sharp, selling til 4:00 P.M. each day. Terms of sale: Cash or personal checks if known, no out of state checks.
Not responsible for accidents.

Owner,
DOC. G.E. HETRICK

Little IKE Eichelberger Professional Auctioneer
Pa. Lic. #AU. 001954-L
Ph. Lewisberry 717-938-6322
Relief Auctioneer: Pa. Lic. #AU-001643-L
Now booking summer & fall sales
Hake & Griffith, Clerks

Refreshments by
The Ladies of Lewisberry United Methodist Church
Clip and Save

PUBLIC SALE

SATURDAY, JUNE 28, 1986

10:00 A.M.
ALLEN & LOIS BENTON,
R.D. #1, SPRING MILLS, PA.
LOCATED ON COOPER STREET JUST OUTSIDE
SPRING MILLS

FARM MACHINERY

J.D. tractor 2940, 4WD, dual remote, 3-pt. front and rear weights, 1565 hours, in excellent condition; Farmall H tractor with loader; Lamco forage wagon; Gravity wagon; 2 high rack hay wagons; I.H. 56, 2-row corn planter; 36' elevator with electric motor; J.D. 12 forage harvester with 1-row corn head & grass head; J.D. 30 combine; J.D. 13-hoe grain drill; N.I. 1-row corn picker; N.I. 272 cut-ditioner; Gehl 72 flail chopper; N.H. 268 bailer with thrower; I.H. 530 manure spreader; N.H. hay rake; rear scraper blade; J.D. 10' disc; J.D. 40 bottom plow, 3-pt.; harrow; Brillion 10' cultimulcher; J.D. Spit-Fire Snowmobile; Winco alternator with trailer & PTO drive; sickle-bar mower; cut-off saw; hydraulic wood splitter, 3-pt.; 2-row mounted corn planter; 1969 Opel; electric bug killer; wooden feeders; lambing barrels; electric fencers; bailer twine; silo blower; 2 fuel tanks with pumps; hydraulic cylinders; 2 sets of tractor chains; hydraulic hoses; etc.

AUCTIONEERS NOTE:
BE EARLY, VERY FEW SMALLS
EVERYTHING IN EXCELLENT WORKING CONDITION

Pa. Licensed & Bonded
AUCTIONEERS
Leon J. Smith, Jr.,
AU000868L
James T. Smith,
AA001465L
Millheim, PA 16854
Phone: 814-349-8633

Owners & Auctioneers not responsible for accidents on premises.

Public Auction

At Staller's Farm Supply
Farm Equip.; Butcher Equip.;
Lumber Jamesway Supplies;
Friday, June 20, 1986
at 3 P.M.

Located along Rt. 183 7 miles North of I-78 between Summit Station & Schuylkill Haven, Pa.

Farmall "B" tractor w/cult.; Moline 1 & 2 row corn planters; new EZ Trail #672 6 ton wagon chassis; MC 7' #16 sickle mower; cement mixer; saw buck; pto cable winch; Little Giant hand winch; elec. hack saw; blacksmith forge; 30" self propelled power sweeper; elec. sickle blade sharpener; lg. post mtd. drill press; antique barn framing drill; 30' wdn. ext. ladder; new h/w heater; rubber cow mats; iron hog troughs; lot wire cable; elec. heat cable; elec. wire & fixtures; 5 new galv. steel cattle gates; rolls used box wire; 24 creosote fence posts; chicken crates; rabbit pens.

Butcher Equip.

2 butcher stoves w/kettles; Rapid ¾ hp 220 V meat grinder; Globe elec. meat slicer; Enterprise sausage stuffer & grinder; Budget 1 ton elec. hoist; long butcher bench; scalding trough.

Lumber

10,000's bd. ft. new rough cut well seasoned lumber inc: 60 pcs. OAK 2x6x16', lot OAK 2x6; lot 1" oak boards 8" to 14" wide 10' long; 100's pcs. various length OAK 2x12, 2x8, 2x4 & 4x4; 1000's bd. ft. new pine 1 " boards inc. up to 18½" wide x16' long; 100 full cut rough pine 2x4; (5) 30' long 7"x12" fir beams; (4) 30' long 7"x6" fir beams; asstd. length utility poles; 1,000 bd. ft. weathered red barn boards; tongue & groove silo planks; silo foundation forms; lot asstd. used 2x6 & 2x8 rafters & other used lumber; asstd. 4x8 plywood; ALSO: steel I beams; steel light poles; 30 pcs. new galv. roof metal; lot good used roof metal; 5 gal. cans of roof coating; doors.

New Jamesway Supplies

Stanchion parts; hog & bull gates; exhaust fan; steel windows; poultry feeders; waterers; gas & coal brooders; plus many items too numerous to mention.

AUCT. NOTE: Owner is selling due to failing health & this is the start of a complete liquidation.

Terms- Cash or check sale day.

Conducted by
Ralph W. Zettlemoyer Auction Co. Inc.
(215) 395-8084
Pa. License #AU-001809-L

Refreshments Available

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

FRI. JULY 25 - 11AM Harsue Registered Holstein Herd & Eq. Dispersal, Whitesville, NY, Allegany Co. Harvey Stebbins, Owner, 607-356-3452. Pirrung Aucts.

SAT. JUNE 21 & 28 and JULY 19 & 26 - Large 4 Day Sale. 9AM til 4PM ea. day. Antiques, Glassware of all kinds, Furniture, Guns, Tools & Cedar Lumber Located 303 corner Front & Lewis Streets, Lewisberry, PA. Traveling on I-83 from Harrisburg, PA, use Exit 15 go S. on Rt. 177 to the Borough of Lewisberry, PA. From York, PA, go N. on I-83 use Exit 13 go W. on Rt. 382 to blinking light turn right go one block, turn neft to sale. Doc. G.E. Hetrick, Owner. Little IKE Eichelberger, Auct.

SAT. JULY 26 - 11AM Horse Sale at Keister's Mkddleburg Auction, along Rt. 522, Middleburg, PA

SAT JULY 26 - 10AM Hay Sale On PA Rt. 24 between Stewartstown & Ngw Park. York Co Livestock Sales Ltd. Stan & Mary Nagle, Owners

AUGUST

FRI. AUG. 1 - 9AM Farm Eq. New Holland Sales Stables, Inc., New Holland, PA.

FRI. AUG. 1 - 5:30PM Gap Auction, Antiques & HH sold at every auction. Located off Rt. 41, Lancaster Turkey Hill Minit Mkt., cross RR bridge. Ira Stoltzfus & Son, Aucts.

2-DAY PUBLIC AUCTION 2-DAY

OF VALUABLE ANTIQUES- DISHES -GLASSWARE- JEWELRY & PERSONAL PROPERTY

ON FRIDAY, JUNE 20, 1986
at 12 noon &
SATURDAY, JUNE 21, 1986
at 9:30 A.M.

at Springetts Fire Co. Social Hall, 3013 East Market St., York, Penna. The following to be offered at public auction for Helen Knox of York, Penna. & other consignees.

ANTIQUES

2 Fancy oval white marble top tables, slant top desk, rockers, blanket chest, jardineers, gateleg table, punched tin cupboard, china mantle clock, gold leaf mirror, odd chairs, stands & tables, trunk, picture frames, Keystone Water Tower fire engine, flowered hanging lamp, Gone with the wind lamp with cherub, several paneled lamps, miniature lamps, quilts, small oil paintings on canvas, Wurlitzer Model 750 Juke box in working order, Genuine Mills 5 cents slot machine in working order.

CHINA & GLASS

Noritake & Limoges Haviland, cut glass, Royal Nippon, Japan, Germany, etc. in vases, dishes, punch bowls, glasses, cake stands, bowls, etc., also numerous pcs. of milk & colored glass in ships, chickens, animals, birds, etc., lots lots more, Japan clip on birds.

JEWELRY- STERLING COLLECTIBLES

Small gold watches small gold type pocketbooks, lots & lots of costume jewelry, both old & new, consisting of pearl necklaces, chains, pins, brooches, rings, earrings, bracelets, etc. etc., numerous pcs. of sterling, also numerous pcs. of small statues & figurines in bisque, china, etc., Ladies 14 karat white gold diamond engagement ring app. .30 karat, ladies 14 karat white gold shank & 18 karat white gold head diamond soliatire ring diamond app. 1 karat, ladies platinum diamond ring 1 diamond approx. .95 karat with 2 baguette diamonds of about .08 karat ea., ladies 18 karat white gold diamond dinner ring 1 diamond approx. .97 karat with 8 single cut diamonds of about .01 karat ea., also personal property consisting of 8 pc. dining room suite, 5 pc. bedroom suite, lamps, Zenith TV, Kelvinator refrigerator, GE grandfathers clock, radio, sweeper, sm. electrical appliances, cooking utensils, bedding, linens & many many boxes not unpacked at this listing. **SPECIAL NOTE: Dealers & Collectors don't miss this fine auction, many fine things to be sold & majority are in very clean condition. PREVIEW SHOWING: Thurs. evening, June 19, 6 P.M. to 8:30 P.M. Auction order will be posted at preview showing. Auction conducted by Gilbert & Gilbert, Auctioneers, R.D.#1, Wrightsville, Pa. Phone 717-252-3591.**

TERMS: Cash, Certified or Travelers checks. Absolutely no personal or out of state checks unless accompanied by a letter of credit from your bank.

Auction conducted by Gilbert & Gilbert, Auctioneers, R.D. #1, Wrightsville, Pa. Telephone 717-252-3591.

HAMILTON BANK
Guardian

Jacob A. Gilbert
Brian L. Gilbert,
Auctioneers & Sales Managers
Pa. License #336 & #2256

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

SAT. AUG. 2 - 10AM Flea Market On PA Rt. 24 between Stewartstown & New Park. York Co. Livestock Sales Ltd. Stan & Mary Nagle, Owners.

FRI. AUG. 8 - 1:30PM PA State Graded Feeder Pigs. Carlisle Livestock Market, Exit 12 off I-81. 717-249-4511.

FRI. AUG. 8 - 6PM Name Brand Saddle and Tack. Rimwold Farm, Rt. 1, Strattanville, PA. Dave Stahlman, Kevin Hines, Chris Rowe.

FRI. AUG. 8 - 5:30PM Gap Auction, Antiques & HH sold at every auction. Located off Rt. 41, Lancaster Turkey Hill Minit Mkt., cross RR bridge. Ira Stoltzfus & Son, Aucts.

SAT. AUG. 9 - 12 Noon 7th Annual Prince Plaudit Production Appaloosa Sale. Rimwold Farm, Rt. 1, Strattanville, PA. Dave Stahlman.

SAT. AUG. 9 - 10AM Hay Sale on PA Rt. 24 between Stewartstown & New Park. York Co. Livestock Sales, Ltd. Stan & Mary Nagle, Owners.

FRI. AUG. 15 - 6:30PM Feeder Pig & Feeder Cattle Sale. Keister's Middleburg Auction, along Rt. 522, Middleburg, PA.

FRI. AUG. 15 - 5:30PM Gap Auction, Antiques & HH sold at every auction. Located off Rt. 41, Lancaster Turkey Hill Minit Mkt., cross RR bridge. Ira Stoltzfus & Son, Aucts.

SAT. AUG. 16 - 9AM Annual Consignment Sale at Little Kutztown Community Fire Co., 1 mi. N. of Myerstown, on Rt. 645. Local Auctioneers. Henry Brubaker, Chairman.

SAT. AUG. 16 - 10AM Flea Market on PA Rt. 24 between Stewartstown and New Park. York Co. Livestock Sales Ltd. Stan & Mary Nagle, Owners.

SAT. AUG. 16 - 9AM 18th Annual Community Sale at the Leesport Auction Grounds, Rt. 61 N. of Reading. Farm Eq., HH Goods. By Berks Co. Pomona Grange. 7 Local Aucts.

THURS. AUG. 21 - Elverson, PA. Wilmer and Mark Kraybill Dispersal. Leon Kurtz, Auct. Dale Hoover, Pedigrees, Lebanon, PA, Mgrs.

FRI. AUG. 22 - 5:30PM Gap Auction Antiques & HH sold at every auction. Located off Rt. 41, Lancaster Turkey Hill Minit Mkt., cross RR bridge. Ira Stoltzfus & Son, Aucts.

PUBLIC AUCTION

Complete Liquidation of Chenango Farm Supply

SATURDAY, JUNE 21, 1986

AT 10:30 A.M.

Just off Rt. 12 Brisben, N.Y. (Take Rt. 12 out of Binghamton, approx. 30 miles).

Former White, Oliver, Gehl dealer.

Shop Tools
Towmotor Forklift, Chevy Service Truck
Parts & Related Inventory
Office Equipment
Tractors, Farm Machinery, Misc.

Call or write auction co. for complete listing.

Owners-
CHENANGO FARM SUPPLY

Quality farm machinery consignments are being accepted to this sale - Call auctioneers.

Sale By:

Auction
GOODRICH
AUCTION SERVICE INC.

Rt. 38 & 38B
Newark Valley, NY 13811
607-642-8688

PUBLIC SALE

OF FARM EQUIPMENT, TOOLS, CHICKEN EQUIPMENT

Ephrata

WEDNESDAY, JUNE 18, 1986

At 5 P.M.

Tractor & Pony Items at 7 P.M.

Located at 791 E. Main St., Ephrata, Pa. (Rt. 322)

Allis-Chalmers B Tractor
Good Condition; Mower

Pony Spring Wagon; Pony Surrey; Manure Spreader; Side Delivery Rake; Rubber Tired Farm Wagon; 2 Wheel Trailer (for road); Garden Trailer; Hay Tedder; Walking Plow; Spring Harrow; Ground Scoop; Manure Hook; Platform Scales; 2 Saddles.

Electric Motors; 6" Jointer; Metal Storage Cabinets; Wooden Chicken Crates; Egg Washer; Egg Scales; Chicken Nests & Feeders; Egg Baskets; Berry Crates;. Galvanized Buckets & Tubs; Copper Wash Boilers; Green Express Wagon; Cast Iron Pump Trough; Bushel Crates; Yard Roller; Push Mowers; Iron Troughs.

Maytag Wash Machine; Refrigerator; Laundry Tubs.

Tools

Come-a-longs; Wooden Plane; Plumber Melting Pot; Pipe Cutters & Wrenches; Hammers; Hatchets; Box & Open End Wrenches; "C" Clamps; Hand Saws; Pipe Vise; Battery Charger; Mitre Box; Orbital Sanders; Drills; Circular Saw; Canvas; Jacks; Blocks & Tackles; Ropes; Pipes.

Garden Tools — John Deere Mower (electric start, self-propelled, like new); YARDMAN RIDING MOWER; Rototiller; "Sun Line" Truck Camper and many other articles to be sold.

Terms by:
FLORENCE S. SWEIGART
733-4609 or 733-8204
Mrs. N.L. Sweigart

T. Glenn Horst, Auct.
859-1331 - AU000438L
Timothy G. Horst, Auct.
738-1245 - AU001767L

PUBLIC AUCTION

of
VALUABLE REAL ESTATE
19 ACRE FARM
ANTIQUES,
HOUSEHOLD GOODS

SAT., JUNE 21, 1986

9:00 A.M.

LOCATION: North on Rt. 72 to Square in Manheim, Turn Right, go to Penryn Rd., Left on Penryn Road to Property.

REAL ESTATE: Consists of 19 acres of land in a high state of cultivation with 1500 ft of Rd Frontage Included is a 5 bedroom, 2 bath Dwelling, large Bank Barn, and numerous Out Buildings Im provements are in an excellent state of repair
REAL ESTATE OFFERED AT 12 00 NOON
TERMS 10% Down Day of Sale, SETTLEMENT in 30 Days
CHINA: Large collection of No 2 with rare dessert dishes, No 2, Gaudy Ironstone Morning Glory & Morning Glory with Strawberries, Green Wheat, Yellow Wheat, White Wheat, Snowflake, Cleopatra, German & Bavarian Vegetable dishes, Lustre pitchers
GLASSWARE: Blue 2 Panel Glass, Vaseline Berry set, Vinegar Cruets, Ruby glass, Lots of Pressed Glass
FURNITURE: Butlers Desk, Marble Top Table, Blanket Chests, Ext Table with 8 boards, 2 Dropleaf Tables, 6 Decorated Plank Bottom chairs, 6 Refinished Plank Bottom chairs, Pennsylvania House hutch and corner cupboard, 3 pc Waterfall Bedroom Suite
APPLIANCES: GE Refrig 17', GE Freezer 16' Upright, Maytag Washer, GE Dryer, GE Range, GE Portable Dishwasher, and many more antiques and household goods too numerous to mention
MOWERS: Snapper Rider with catcher, Snapper Self-Propelled with elec start

Auction by
ELLA B. BUCHEN

Auctioneer:
Burnell L. Buchen
Auction Service
AU-1246
(717) 898-7772

David Young, Attorney

TWO COMPLETE HERD DISPERSALS

Thursday Evening, June 19, 1986, 7:30 P.M.

at Shady Lane Dairy Sales, Inc., RD 4 Quarryville, Pa.
¼ Mile West of Quarryville off Rt. 372 on Oak Bottom Rd.

HERD ONE

From Mr. & Mrs. Willford Runkle & Family. "Silver Maple Jersey Farm, Manrovia, Md." 21 head of the finest quality Jersey Registered cows. 3 fresh, 3 springing, balance all stages. 37 years of top breeding- Herd Avg. 11,285M 5.22% 589F.

Sires Include
Production Plus, Sleeping Milestone, Generator, Minnie Pansy Quick Silver, & Samson.

Cows Selling have won several shows, also daughters from Grand Champion at Md. State Fair & 1st place Junior Calf at Md. State Fair. Top Records to 14,800M & 800 Fat. Herd Avg. 43 lb. for May Test.

Sires Include
Production Plus, Sleeping Milestone, Generator, Minnie Pansy Quick Silver, & Samson.

HERD TWO

Complete Herd Dispersal of 72 head of Holsteins from Md. Many top individuals, fresh, springing - all stages lactation.

Special Mention
6 Springing heifers, 12 Breeding Age & 10 Yearlings.

Also Selling 1 Stock Bull.

Grade Creek Bluff Elevation Leister Sire out of a Rocket with 32,037M & 1168 Fat. Ready for Heavy Service.

SALE MANAGED BY

Glenn D. Fite
717-786-2750

SHADY LANE DAIRY SALES INC.
RD #4 Box 463
Quarryville, Pa. 17566

David L. Fite
717-786-1725

Dairy and Livestock Sales

Public Auction Register

SAT. AUG. 23 - 10AM Hay Sale on PA Rt. 24 between Stewartstown & New Park. York Co. Livestock Sales Ltd [illegible] Mary Nagle, Owners.

FRI. AUG. 29 - 7:00 Lebanon Co. Holstein Club, 50 head holsteins, Lebanon Area Fairgrounds. Harry H. Bachman, Auct.

SAT. AUG. 30 - 11AM Horse Sale Keister's Middleburg Auction along Rt. 522 Middleburg, PA.

SAT. AUG. 30 - 10AM Flea Market on PA Rt. 24 between Stewartstown & New Park. York Co. Livestock Sales, Ltd. Stan & Mary Nagle, Owners.

SEPTEMBER

MON. SEPT. 1 - 9AM Farmersville Auction, Farmersville, 3 mis. E. of Brownstown, Lanc. Co., PA.

FRI. SEPT. 5 - 7PM Horse Sale. New Holland Sales Stables, Inc., New Holland, PA.

FRI. SEPT. 5 - 5:30PM Gap Auction, Antiques & HH sold at every auction. Located off Rt. 41, Lancaster Turkey Hill Minit Mkt., cross RR bridge. Ira Stoltzfus & Son, Aucts.

FRI. SEPT. 5 - 9AM Fall Consignment Sale of All Kinds of Farm Mach. & Tools. At the Belleville Livestock Mkt., Belleville, PA. Belleville Livestock Mkt., Inc.

SAT. SEPT. 6 - 10AM Hay Sale. On PA Rt. 24 between Stewartstown & New Park. York Co. Livestock Sales Ltd. Stan & Mary Nagle, Owners.

MON. SEPT. 8 - Lebanon Valley Auction Co. Fall Machinery Auction. Lebanon Area Fairgrounds, Lebanon, PA. Harry H. Bachman, Auct.

FRI. SEPT. 12 - 1:30PM PA State Graded Feeder Pigs. Carlisle Livestock Market, Exit 12 off I-81.

SAT. SEPT. 13 - 10AM Flea Market. ON PA Rt. 24 between Stewartstown & New Park. York Co. Livestock Sales Ltd. Stan & Mary Nagle, Owners.

FRI. SEPT. 19 - 7:30PM Disaster Relief Heifer Auction. Sponsored by the Church of the Brethren at the Lebanon Area Fairgrounds. Clair Kreider, Mgr., 717-464 5033.

FRI. SEPT. 19 - 6:30PM Feeder Pig & Feeder Cattle Sale. Keister's Middleburg Auction, along Rt. 522, Middleburg, PA.

GOOD'S AUCTION

111 North Maple Ave. Leola
Hay and Straw Sales
Every Wed. At 12 o'clock noon

Farm Machinery sales first Wednesday of every month only. Feb. thru May. Further sales dates will be announced later.

Hardware and tools	9:00 o'clock
Building Material	11:30
Lawn and Garden	12:00

Followed By Machinery

No Household Goods
No Junk
No Out Of State Checks

GOODS AUCTION
111 North Maple Ave.
Leola, PA. 17540
Auction House
#000014-L

REAL ESTATE AUCTION

SATURDAY, JUNE 28, 1986

112 ACRE FARM, with two brick homes, log style guest house, three car block garage, barn and other outbuildings, large pond with picnic pavillion. Call auctioneers for inspection.

Real Estate will be offered at 1:00 P.M. on day of auction. Personal Property starting at 9:30 A.M.

TERMS: Real Estate- $5,000 down day of sale. Balance in 45 days.

Seller:
JOSEPH & ELIZABETH PALMER

HOCK'S AUCTION SERVICE
Donald E. Hock - AU-1196-L - 784-7849
George J. Henry - AU-1196-L - 799-5351

PUBLIC AUCTION
VAL. 68 ACRE FARM, TOOLS, MACHINERY, ETC.

located 2 miles E of Millville, Pa. off Rt. 254 (Col. Co.).

SATURDAY, JUNE 28, 1986
Real Estate 1 P.M.

consists of app. 68 acres w. a 60 sow farrow to finish hog setup w/20x36' Harvestor silo, flush gutter manure system, remodeled 2½ story 7 room home. For more info. call (717) 458-6948 or 546-6907. Watch for larger more detailed listing.

Owners,
LEROY & EDITH RAMBO
Conducted by Fraley Auction Co.
(717) 546-6907 AU1194L

SHORT NOTICE SALE

Double Header 2 Herd Dispersals

FRIDAY, JUNE 20, 1986 8:p.m. D.S.T.

ZAHN ROTH FARM

Complete Reg. & Grade Milking Herd
Bred and Open Heifer Dispersals- 20 Reg.

For Nick and Nancy Sattazahn - Berks Co. Certified and Accredited.
To be held at Smoketown Quality Dairy Sales, Smoketown, PA.

Several cow families in this herd. Good rough bone herd of cows never pushed for high production. Cows Avg. 52 lbs. per day. Several cows milking 70-80 lbs. D.H.I.A. Bred Sire Power A.I. Nine Heifers from 9 mo. to 1 mo. old. 1st & 2nd calf Heifer's milking 45-55 lbs. per day. Cows due June & July - 10 cows due Aug.- Oct. - Nov.

Sires Represented:
Also Bred to A.I. Bulls
Wagnercrest Ivanhoe Astronaut
Ransom-Rail Pacemaker
Dutch-Croft Fury Lad
Milu-Betty Ivanhoe Chief
Hill Haven Standout Job
Pencor G. Ivanhoe Pabst- and others.

Fresh 5-11-86 60 lbs.
Reg. - Back-Meadows Astronaut-Mosie-
Due Sept.

4-3	305	18,491		509.
	322	18,712		519.
5-3	305	18,017		628.
6-4	270	18,396		598.

Reg. - ZANN Croft Penstate Pete -
Fresh 65 lbs. 3-23-86.

3-6	305	18,150		601.
	326	18,748		623.
4-6	305	17,906		633.
5-6	185	12,142		418 Inc.

Reg. - Park-Forest Elevation Astro.
Born 1-11-81.

2-0	305	11,216	4.0	447.
3-1	299	10,718	4.1	442.
4-0	305	11,788	3.9	460.

Her heifer calf- sells - born 5-11-86.
Sire- Pond OAK Rondezvous.
Reg. - Wagnercrest Ivanhoe Astronaut-
Born 11-4-82.

2-4	305	10,353	4.1	426.

Reg. - Northcroft Admiral Citation.

5-0	305	16,711	3.6	596.
7-4	305	14,598		485.

Reg. - Stumpland Supreme Sparkler-
75 lbs.

2-2	305	17,332	3.8	650.
5-6	305	12,507	4.6	572.

Reg. - Dutch-Croft Fury Lad- 81 lbs.

7-9	305	16,790	3.4	567.

Dght. Born 2-28-86 - Petecat Dasher E.T.

Grade - Elsie - May test 58 lbs. 5.1%.

4-7	305	14,528	3.6	516.
2-7	305	14,105	4.0	568.

Grade - Blackie - April test - 45 lbs. 5.1%.
May test - 62 lbs. 4.6%.

5-2	305	11,619	4.2	490.
6-5	305	11,057	4.5	496.

Dght. also sells.
For Private sale- call 1-215-589-4466.
2 Inch Bournatic Pipeline- 4 units.
Stainless Steel- Agway 36-inch Barn cleaner.
Selling:
Reg. - Shardale Arlinda Chief Jemini
Born 7-22-81.
Cow Index +545m. +26F.

2-3	305	19,180m.	3.6%	692F.
	365	21,110m.	3.6%	751F.
3-6	305	17,498m.	3.7%	650F.
			2.9%	514P.
	365	19,569m.	3.7%	729F.
			3.0%	580P.

Dam- Paclamar Bootmaker- V.G. 85

2-2	312	16,140	3.6	588.
3-3	305	18,910	3.6	674.
	365	21,160	3.6	762.
4-5	305	23,150	3.4	798.
	365	25,610	3.5	887.

6th Generation V.G. or Ex
Gr Dam:
Lifetime 161,980 3.9 6,384.

4-H Animal bought at York Co. Calf Sale- 1984.
Reg. - Sire - Born 3-17-84 Columbus Fresh 6-2.
DAM- Penmar Ivanhoe Lad G.P. 81- 2 yr.

2 yr.	305	13,600	4.4	590.

Gr. DAM- V.G. 86.

5-8	305	20,840	3.7	780.

Reg. - Sire - Born 4-24-82- S.W.D.
Valiant- Fresh 6-9.

1-11	311	14,031	3.4	475.

DAM- V.G. 88 Elevation

5-8		20,057	644.

Fancy Tall Marvey- Good Prospect for Summer Shows.
Reg. - Sire - born 8-1-82 Marvex Dght.
G.P. 82- 2 yr. Fresh 6-2.

2-0	351	13,039	3.7	485.

Could make 15,000-17,000 this lactation.

Grade - A.I. Atlantic Bull
Out of 18,000 lb. Herd.

Selling beginning of sale Bray cattle breeding Calendar with magnets.
Reg. - Sire - Sunny-Craft Chief Spirit
Dam- Herbeth Kelly Marvex designs

3-5	305d.	22,097		734.
4-6	305d.	20,883		727.

Her Sire: Lawcrest Marvex.
GrDam: Stolcliff Designs Kitty.

6-2	296d.	18,559	3.9%	718.

Reg. - Sire - Leadfield Columbus.
Dam- Herbeth Katrina Gay Designs V.G. 85.

1-10	365d.	18,603	3.7%	686.
3-3	305d.	19,512	3.8%	737.

Reg. - Sire - Fay-Ark Sexy Deacon-ET.
Dam- Herbeth Twila Superior Ormsby.

2-2	305d.	17,324	3.9%	675.
3-5	255d.	17,697	3.6%	641.

PENRYN-DALE FARM

Complete Reg. Milking Herd Dispersal

For Glenn & Romaine Hershey - Manheim, Pa.

Certified & Accredited - Good Uddered Herd. Housed in free stall - milked in stanchions Rolling Herd Ave.- 14,745 3.6 528- O.S. Records Daily Ave. 46 lbs. 3.7- Fresh cows - Fall cows- Winter cows. Good young herd of cows- 7- 2 yr. olds- 4- 3 yr olds- 3- 4 yr. olds Holstein breeder for 30 years. All home raised. Selling because of health. Several cows familys. Service sires used- Atlantic-Sire Power- A.B.S.

Cows Selling:

Diane- Dixie-Lee Fashion Designer Dtr.

1-11	299	17,673		587.
2-11	proj.	17,180		573.

Due 11-2 to Giltex Teletype.

DAM- 349		17,871	4.0	730.

Sarah- By Drovers Inn Super Blend Twin.

2-0	357	14,337	3.9	555.

Due 8-27 to Coldsprings Ira.

Her Grdam		20,807	4.1	850.

Betsy- By LeDel Ideal Superior.

2-4	337	14,525	3.8	554.

Due 11-27 to Ponerosa Valiant Destiny.

Proj. 305		16,192		602.

Patsy- By Round-Oak Electron
F. 2-1 68 lbs.

360		17,030	4.5	761.

Bred 6-4 to Monitor Frost.
Tammy- By Dixie Lee Fashion Designer.

1-11	359	13,364	3.6	486.
Proj. 305		16,777	3.7	623.

Due 10-3 to Brown King Saul.
Katie- By Shade Acres Willie Star.

4 yr. proj.		14,746	3.5	513.

Due 9-21 to Walworth.
Tina- By Shang High Boss Citation M.

4-4	365	19,647	3.7	723.

Due 10-30 to Knolltop Reckers Ace.

DAM 5-3	365	20,094	3.4	679

Rachel- Dtr. of Tina- by Mil-Nor-11-Design.

2-8	proj.	15,490	3.8	585.

Due 10-26 to Castlemor [illegible] n Stetson.
Rosene- Dtr. of Tina- by [illegible] Ideal Superior.

2 yr. Fr.	4-1	58.5 lbs.	1st test.	

Carol- By Cuma Proud Performer.

6-2	352	19,409	3.8	733.

Janet- Dtr. of Carol- by Coldspring Astro Bootleg.

4 yr.	307	16,082		558.

Due 1-16 to Brown King Saul.
Two Full sisters Tina II & Sandra- Maternal Sister Wanda.
Tina II- By Whittier-Murch Rocket Special.

3-11	296	16,637	3.5	587

Fresh 3-10 62.5 lbs.
Due 2-17 to Giltex Teletype.
Sandra- By Rocket Spectar- Fresh 5-21 70 lbs.

2-3	365	12,[illegible]55	3.4	421

Wanda- By Sweet Haven Lochinvar Boots

2-2	339	14,384	3.7	536.

Due 7-9 to Brown King Saul.
Christine-dtr. of Tina II by Mil Nor Design.
Due 7-9 to Breezyview Jolt Boy Stewart.

More Details Next Issue
Sale Managed by
SMOKETOWN QUALITY DAIRY SALES
Gordon & Helen Fritz
(717) 393-0930

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

FRI. SEPT. 19 - 9AM Farm Eq. New Holland Sales Stables, Inc., New Holland, PA.

SAT. SEPT. 20 - 10 AM Hay Sale. On PA Rt. 24 between Stewartstown & New Park. York Co. Livestock Sales Ltd. Stan & Mary Nagle, Owners.

FRI. SEPT. 26 - 7PM New Saddle & Tack. Red Carpet Horse Sale, Cambria Co. Fairgrounds, Rt. 219N., Ebensburg, PA. K. Hines, C. Rowe.

SAT. SEPT. 27 - 12 Noon Catalog Registered Horse. Red Carpet Horse Sale, Cambria Co. Fairgrounds, Rt. 219N., Ebensburg, PA. K. Hines, C. Rowe.

SAT. SEPT. 27 - 11AM Horse Sale. Keister's Middleburg, Auction, along Rt. 522, Middleburg, PA.

SAT. SEPT. 27 - 10AM Fall Heifer Sale. New Holland Sales Stables, Inc., New Holland, PA.

SAT. SEPT. 27 - 10AM Flea Market On PA Rt. 24 between Stewartstown & New Park. York Co. Livestock Sales Ltd. Stan & Mary Nagle, Owners.

SUN. SEPT. 28 - 1PM Colonial World Class Sale '86. Location: Eastern National, MD State Fairgrounds, Timonium, MD. Sponsored by: Colonial Charolais Assoc Managed by: Buzz Garey, Garey Cattle Sales.

OCTOBER

WED. OCT. 1 - Annual Cow Show & Sale-Show 9:30AM; Sale 12 Noon. At the Belleville Livestock Mkt., Inc., Belleville, PA. Good Line of Registered & Grade Dairy Cattle.

FRI. OCT. 3 - 7PM New Saddle & Tack. Red Carpet Horse Sale, Cambria Co. Fairgrounds, Rt. 219N., Ebensburg, PA. K. Hines, C. Rowe.

SAT. OCT. 4 - 9AM Used Tack, Harness & Equipment. Red Carpet Draft & Driving Horse Sale. Cambria Co. Fairgrounds, Rt. 219N., Ebensburg, PA. James Howard, Chris Rowe, Kevin Hines.

SAT. OCT. 4 - MD Polled Hereford Assoc. Red, White, Blue Sale Plus Club Calf Sale. At the Frederick Fairgrounds, Frederick, MD.

SAT. OCT. 4 - 10AM Hay Sale On PA Rt. 24 between Stewartstown & New Park. York Co. Livestock Sales Ltd. Stan & Mary Nagle, Owners.

FRI. OCT. 10 - 1:30PM PA State Graded Feeder Pigs. Carlisle Livestock Market, Exit 12 off I-81.

SAT. OCT. 11 - 10AM Flea Market On PA Rt. 24 between Stewartstown & New Park. York Co. Livestock Sales Ltd. Stan & Mary Nagle, Owners.

FRI. OCT. 17 - 6:30PM Feeder Pig & Feeder Cattle Sale. Keister's Middleburg, Auction, along Rt. 522, Middleburg, PA.

SAT. OCT. 18 - 10AM Hay Sale On PA Rt. 24 between Stewartstown & New Park. York Co. Livestock Sales, Ltd Stan & Mary Nagle, Owners.

TUES. OCT. 21 - 11AM Complete Purebred Herd Dispersal located 5 mis. S of New Holland, 4 mis. E. of Intercourse, New Holland, RD 2. Terms by: J.S. Dienner & Sons. Paul Snyder, Auct.

SAT. OCT. 25 - 11AM Horse Sale. Keister's Middleburg Auction, along Rt. 522, Middleburg, PA.

WED. OCT. 29 - 9AM Dairy Show & Sale. New Holland ' Sales Stables, Inc., New Holland, PA.

NOVEMBER

SAT. NOV. 1 - 10AM Hay Sale On PA Rt. 24 between Stewartstown & New Park. York Co Livestock Sales Ltd Stan & Mary Nagle, Owners.

FRI. NOV. 7 - 9AM Farm Eq. New Holland Sales Stables, Inc., New Holland, PA.

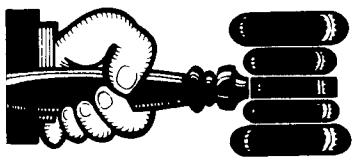
FRI. NOV. 14 - 1:30PM PA State Graded Feeder Pigs. Carlisle Livestock Market, Exit 12 off I-81.

FRI NOV. 21 - 6:30PM Feeder Pig & Feeder Cattle Keister's Middleburg Auction, along Rt. 522, Middleburg, PA.

SAT. NOV. 29 - 11AM Horse Sale. Keister's Middleburg Auction, along Rt. 522, Middleburg, PA.

DECEMBER

FRI. DEC. 12 - 1:30PM PA State Graded Feeder Pigs. Carlisle Livestock Market, Exit 12 Off I-81.



AUCTIONEER'S DIRECTORY

NOTICE

To assure that your Public Sale appears in the Public Sale Section we must have your advertisement by 4 P M Tuesday of each week's publication

WOLGEMUTH AUCTIONEERS
R D #2 Manheim Pa

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DEALER IN ALL KINDS OF LIVESTOCK

Also Crippled & Down Cattle

MARLIN S. IRWIN
Quarryville, PA
PH. 717-786-3016

HEIFER SALE

JUNE 17, 1986
7 P.M.

At Green Dragon Livestock Sale, 1 mi. North of Ephrata on State Street.

250-300 Head including purebreds and grades from calves to freshening age.

17 August & September freshening heifers. All vaccinated. Including fancy red & white holsteins from Lebanon Co.

100 head from Bob Kennedy. Big springing heifers due June, July, & August. Some purebred from some better herds in Washington, Butler & Erie Counties.

2 loads of New York heifers, all ages, some vaccinated. Some real nice groups of 300-500 lb. vaccinated heifers.

All consignments welcome. 30-day test on most heifers. Will receive heifers any time June 14, 15, 16.

Walter Risser,
Proprietor
717-733-2444 (Office)
717-838-4138 (Home)

TODD ACRES MILKING HERD DISPERSAL

Herd Being Dispersed Due To Health Reasons

Sale To Be Held At Shady Lane Dairy Sales, Quarryville, Pa.

TUES. EVE., JUNE 24, 1986 - 7:30 P.M. DST

85 Registered Holsteins
78 Cows - 7 Bred Heifers
24 in 1st lactation - 21 in 2nd lactation
Current Herd Average 15,900 3.97% 630

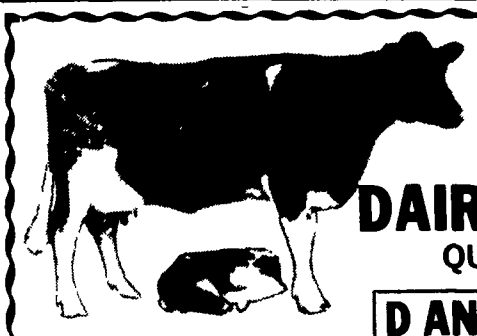
Popular Sires include: Jet Stream, Astronaut, Jemini, Mil-nor, Superior, Very and several Granddaughters of Elevation & Astronaut.

SALE MANAGER'S NOTE: This herd should equal or exceed their records for their new owners. This is a great opportunity for the profit minded dairymen.

Catalogs At Ring Side

Sale Manager & Auctioneer:
REMSBURG SALES SERVICE
Box 177
Jefferson, MD 21755
Phone: 301-473-8214
Pa. Auct. Lic. #AU-002281-L

Owner: **DONALD E. TODD**
Rt.2, Box 318
Federalsburg, MD 21632



A NEW DIVISION OF

SHADY LANE DAIRY SALES INC.

QUARRYVILLE, PA

D AND D BULL BARN

Registered and Hi Grade Stock Bulls at all times, also we are interested in buying Stock Bulls at all times, all Bulls kept in individual pens. Registered and Hi Grades, Holsteins, Red-White Holsteins, Black Angus or Jerseys We have a good selection on hand right now

No Johne's Bulls please

Call anytime day or nite.

Glen Fite	David Fite	Henry S. Overly
1-717-786-2750	1-717-786-1725	1-717-786-2378

Dairy and Livestock Sales

CONSIGNMENT SALE

OF FEEDER PIGS & FEEDER CATTLE

FRIDAY, JUNE 20, 1986
at 6:30 P.M. Sharp

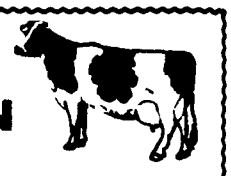
Held at Keister's Middleburg Auction Sales, Inc., Rt. 522, 3 miles east of Middleburg, PA., 5 miles west of Selinsgrove, PA.

Early consignments accepted
Bring a load - buy a load

Owners:
DON & WALT KEISTER

For information call
717-837-2222, 717-966-2856
or 717-523-0360
Terms: Cash
Auctioneers:
Bryan Imes & Ray Long
Restaurant Open

SPECIAL DAIRY PROMOTION SALE



The Belleville Livestock Market and the Mifflin County Dairy Promotion Committee will hold a special day to promote the sale and use of dairy products.

Featuring:
- The top 30 cows from a local herd of 60 High Grade and Registered Holsteins
- One load northern cows, close springers or fresh
- Many local consignments
- Milk promotion stand on the premises

Belleville Livestock Market

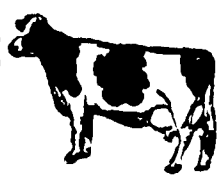
WEDNESDAY, JUNE 18th
Sale starts at 1:00 P.M.

NOTE: The cows from the herd were selected by the sale management, at the time of selection the herd was producing 60 pounds of milk per cow per day on an average. The 30 selected are all young cows that are springing, or recently fresh.

For More Information Call
(717) 667-2703
or (717) 935-2146

SHORT NOTICE

PUBLIC SALE



COMPLETE HOLSTEIN DISPERSAL
DAIRY EQUIPMENT, FEED, ETC.

THURSDAY, JUNE 26, 1986
At 11:00 A.M.

Sale being held due to health. Located in Adams County, PA by taking Route #194 1½ miles South of East Berlin thence turning West onto Pine Run Road 2 miles to sale. (Sale signs posted)

38 - HIGH GRADE HOLSTEINS - 38
3 - RED AND WHITES - 3

30 Day Health Charts, Preg. Checked

Herd consists of 28 cows milking and includes 2 Red & White, Half of herd fresh or close springers. Others due throughout year. 6 close springer heifers, including 1 red & white. Most of herd 1 to 3 calves. A very good productive herd with size, type & good udders. If you are looking for base milk plan to attend this sale. Herd sired by ABC Service.

DAIRY EQUIPMENT AND FEED

500 gal. Creamery package bulk tank, remote control; DeLaval glass pipe line for 30 cows; DeLaval milker pump, 4 units; SS wash vat; Cow clippers; Feed-12'x40' silo corn insulage, never opened.

TERMs: Cash or good check
Not responsible for accidents

RAY E. MYERS & MARY L. MYERS, Owners
Phone: 717-624-8156
Clair R. Slaybaugh, Auctioneer #856L
Idaville, PA Phone: 717-677-7479
Phil Laughman & Tom Boyer Managers

MELVIN KOLB, INC.

150 - QUALITY HOLSTEINS - 150

JUNE DAIRY MONTH SALE

THURSDAY NIGHT, JUNE 19th, 1986

7:30 P.M.

SPECIAL TREAT AT THIS NIGHT SALE ★ ★ ★ ★ OX ROAST

LOCATION: At my MARYLAND FARM located ½ mile northwest of WOODSBORO, Route 550, in Frederick County.

150 HEAD ESPECIALLY SELECTED FOR THIS SALE!

35 Head Fresh 1st Calf Grade Heifers, several milking 50 to 75 lbs. per day.
30 Head Fresh Grade NEW YORK State Cows milking 70 to over 100 lbs. per day.
35 Head of 1st & 2nd Calf Heifers from MAINE & NEW ENGLAND STATES.
50 Head of Purebred Cows & Heifers, especially selected for this Sale.

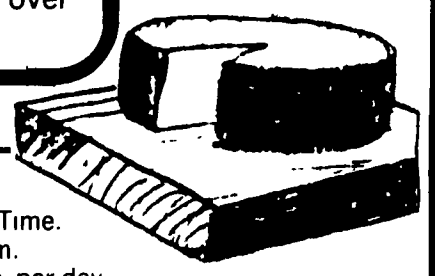
SPECIAL MENTIONS

GOOD HERD OF 100 COWS, PUREBREDS AND GRADES will be sold at our Maryland Sale in lots as they get close or fresh!. 25 head of the best fresh, ½ are PB, other ½ are grade. These 25 head are milking over 80 lbs. for tester June 5th.

SAMPLE OF THESE COWS SELLING:

- a 2 yr. old CHAIRMAN dau. milking 70 lbs., Proj. at 18,730m.
- a 2 yr. old VERY dau., Proj. at 20,950m and 765f. Springing CHAIRMAN heifer due Sale Day.
- a BINKER dau., 2nd calf, Proj. at 21,280m and 655f.
- a MONEY MAKER dau., Proj. at 17,760m 659f.
- a VG,85 PAWNEE PRIDE BURCH dau., milking 84 lbs., Proj. at 19,520m 644f.
- a TANEBROOK BELLS FLAGMAN dau., a heifer whose dam has 20,330m 716f.
- a CHAIRMAN heifer Proj. at 18,140m.

Some are just bred back to COLUMBUS & ASTRONAUT.
These 25 really good cows & heifers have 9 that are just fresh with 1st calf over 64 lbs., the rest are 2nd to 4th calf with over 80 lbs. per day.



OTHER PUREBREDS SELLING

- a 4 yr. old GLEN-VALLEY STAR dau., fresh milking 95 lbs.
- a LIME HOLLOW BREEZE dau., just fresh.
- a WILLOW FARM ROCKMAN IVANHOE dau., just fresh.
- a fancy NELACRES JOHANNA SENATOR dau., just fresh.
- a GP SHORE STYLIST dau., fresh.
- an ELEVATION MARLIN dau., fresh.
- a LONGVIEW ASTRONAUT dau., fresh.
- a NELACRES JOHANNA SENATOR dau., due to Seiling Rockman.
- a BROWNDALE COMMISSIONER dau., Dam is VG.
- VIGH KEYES INKA-RED dau. due Sale Time.
- a JEMINI dau., fresh at 305d 24,940m.
- Two 2nd calf heifers milking over 90 lbs. per day.
- Three nice Guernsey Cows, 1 is PB.
- a fancy 2 yr. old CHAIRMAN dau., due early July to son of Warden, her dam is GP with over 17,000m, next dam is VG from a very good cow family. Full pedigree day of sale
- And several nice mixed breed cows.

- PLUS, many more cows not mentioned in this ad! AND ALSO, some PB heifer calves will be sold.

FREE— OX ROAST STARTS AT 6:30 PM, all dairy farmers are invited!
COW SALE STARTS AT 7:30 PM, stop on out!

DOOR PRIZE:
Purebred Heifer Calf
Must be a buyer to be eligible & present to win.

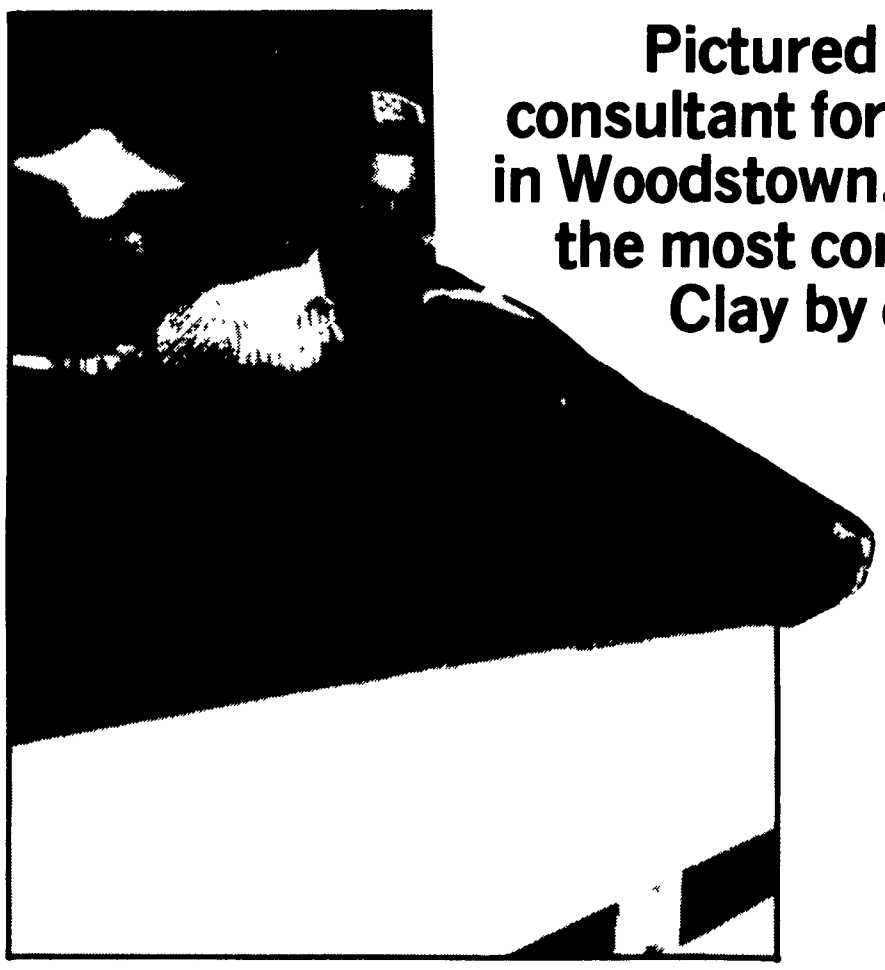
FREE OX ROAST FOR ALL DAIRY FARMERS!

FREE TRANSPORTATION FOR LANCASTER CO. AMISH.

Auctioneer: Robert Mullendore AU-000644-L
Pedigrees: Henry Kettering
Sale Managers: Thomas & Mel Kolb

MD Farm:
11342 Creagerstown Rd.
Woodsboro, MD 21798
(301) 898-7720 or 898-7663

Ask Your Purina Farm Consultant.



Pictured is Clay Clement, farm consultant for Woodstown Ice & Coal Co. in Woodstown, N.J. Following are some of the most common questions asked of Clay by dairymen in his area.

Q Should you feed hay to calves under two months of age?

A No! If hay is fed before two months of age, rumen Papilli develoment is inhibited, which inhibits the efficiency of the rumen, and results in LOWER RATE GAINS.

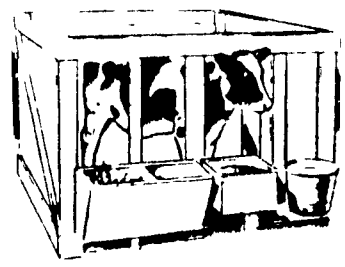
Q: What should be a target weight goal for my Holstein calf at 6 months of age?

A: The calf should weigh 390 pounds at the end of 6 months.

June is dairy month

If you have a question that you would like to see discussed about dairy nutrition or dairy herd management, ask your Purina Farm Consultant or send your questions to:

Ask Your Purina Farm Consultant
P.O. Box 248
Camp Hill, PA 17011



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Richland, PA 17087

HIGH BROTHERS
441 Centerville Road
Gordonville, PA 17529
717/354-0301

FRANKLIN FEED
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Altenwald Div
717/264-6619
717/762-2390

WARRIOR'S MARK FEED CENTER
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Warriors Mark, PA 16877
814/632-8623

HESS MILLS
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717/442-4183
Unionville, PA 19375
215/347-2377

UMBERGER'S MILL
R.D. #4 - Box #545
717/867-5161
Lebanon, PA 17042

PHILLIPS FEED SERVICE, INC.
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Morgantown, PA 19543
215/286-9029
Germansville, PA 18053
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ALBRIGHT'S MILL
P O Box #195
Kempton, PA 19529
215/756-6022

CLARK'S AG CENTER
Main Street, P O Box #36
Turbotville, PA 17772
717/275-2613

KEYSTONE MILLS
R D #3, Lancaster Avenue
Ephrata, PA 17522
717/354-4616

FARMER'S UNION CO-OP
30 East Walters Avenue
Greencastle, PA 17225
717/597-3191

WOODSTOWN ICE & COAL CO., INC.
50 East Grant Street
Woodstown, NJ 08098
609/769-0069

WEST WILLOW FARMERS' ASSOC.
R D #1
West Willow, PA 17583
717/464 3386

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